

**WEB BASED INTERACTION SYSTEM BETWEEN PRODUCT OWNER AND
SHIPPING AGENT**

BY

K. M. ASADUZZAMAN SHUVO

ID: 151-15-4728

AND

MEHADI HASAN TUSHAR

ID: 151-15-4780

AND

FATEMA AKTER

ID: 151-15-4894

**This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering**

Supervised By

ZERIN NASRIN TUMPA

Lecturer

Department of CSE
Daffodil International University

Co-Supervised By

ANUP MAJUMDER

Lecturer

Department of CSE
Daffodil International University



DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project titled “**Web Based Interaction System Between Product Owner and Shipping Agent**” submitted by K. M. Asaduzzaman Shuvo, Mehadi Hasan Tushar and Fatema Akter to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering (BSC) and approved as to its style and contents. The presentation has been held on 12th December 2018.

BOARD OF EXAMINERS

Dr. Syed Akhter Hossain
Professor and Head

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Chairman

Dr. Sheak Rashed Haider Noori

Associate Professor & Associate Head

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner

Md. Zahid Hasan

Assistant Professor

Department of Computer Science and Engineering
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner

Dr. Mohammad Shorif Uddin

Professor

Department of Computer Science and Engineering
Jahangirnagar University

External Examiner

DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Zerin Nasrin Tumpa, Lecturer**, Department of CSE, in Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

Supervised by:

ZERIN NASRIN TUMPA

Lecturer

Department of CSE

Daffodil International University

Co-Supervised by:

ANUP MAJUMDER

Lecturer

Department of CSE

Daffodil International University

Submitted by:

K. M. ASADUZZAMAN SHUVO

ID: 151-15-4728

Department of CSE

Daffodil International University

MEHADI HASAN TUSHAR

ID: 151-15-4780

Department of CSE

Daffodil International University

FATEMA AKTER

ID: 151-15-4894

Department of CSE

Daffodil International University

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ABSTRACT

In Bangladesh shipping agents are not as much available as product owner needs. Here, product owner can't find shipping agent just because they are not in one platform. He needs to go door to door to find one agent for the deal which is liable to raise the product cost. Hence, to develop a project to minimize this problem is a time demand since there is no remarkable platform for making an easy communication between Shipping agent and product owner. The aim of this project is to help shipping agents and product owner to discover better and appropriate arrangements for them through a web based application to make their business bargain effective and cost efficient with the minimum cost. In our website there are lots of shipping agents with whom product owner can make deal according to their range of abilities which will help the destitute individuals by having the item in correct time. In the season of emergency, this site can help shipping agents and product owner to discover better and appropriate arrangements for them also.

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Chapter 1:

Introduction

1.1 Introduction

Agent shipping is an extremely popular business model for new entrepreneurs, thanks to internet marketing skills that far exceed the financial capacity. Since we do not need to store or handle the items that we sell, you can find a shipping agent for the business in a very short time. A web based interaction system that helps the product owner to find shipping agents for purchases the items from one place to another place, who then fulfills the order. This will not only reduce cost, at the same time it frees up your time to focus all of your energies on customer acquisition. If owner is having trouble finding agents then this can help you to compete with retail giants, and do so on a limited budget. Long, J. (2017, July 27). While it doesn't take a lot of time for product owner to find agent in this website, it will require some valid information to join or register in this website. After joining product owner can give advertise and shipping agent cans response. Web based interaction systems are designed to manage and store customer's information that are given in this web-based applications. In the website only admin panel will have the power to accept or reject any user, admin can delete any advertise, if it is irrelevant in this site. The objective for collaboration has been getting thing done faster, cheaper and better by giving proper advertise in website, bringing together a selection of resources and attainments in advertise. Due to the fact legitimate collaboration with teams improves productivity, accelerates end result-making and optimizes of making a right decision, it additionally allows to intercept precious intellectual fortune and time. Web-based interaction system can surprisingly increase performance, productivity and efficiency within an organization. Since web-based applications can be accessed through online, so it's not needed to install it on a desktop or even it's not required frequent update. Moreover, product owner, who live in long distance can easily find shipping agent, while they stay in geographically different place and collaboration in between this website.

1.2 Motivation

Web based interactive systems are designed to manage, store customer's information used in web-based applications. The objective for collaboration has been getting things done faster, cheaper and better by giving proper advertisements on websites, bringing together a selection of resources and attainments in advertisements. Valid information improves productivity, speeds up decision-making and optimizes the process of making a right decision, it also helps to intercept precious intellectual fortune and time. To prove such kind of improvement to productivity and to make easier our everyday working life, it was needed to build an interaction system for both agent and owner. Namely, having troubles finding right shipping agent, wasting useful time sending and searching for them, explicating and instructing new agents of whole system and steps that needs to be done, before beginning to make deal. For consuming necessary time, keeping all troubles less, and to organize all documents into one place and most importantly, to keep track of deal that are in production for customers or for keeping an eye on mistakes that occur during the work process, then a good web based interaction system was under consideration. To consider everyday use and needs, the aim was to make a platform system both the product owner and shipping agent. The system is helping them in better way. Interaction system is needed, for helping to organize and keep an eye on the deal and its process. The system is web-based; there are possibilities to add documents and specifications for specific deal.

1.3 Objectives

Main study of this project is found out how web based interaction system works in between product owner and shipping agent. Here users have to give proper documents for registration. We will provide separate profile for shipping agent and product owner. Product owner give advertisement of his product and shipping agent receive advertisement. If both owner and agent agree for deal then they will knock admin for further work. Admin provides agreement paper before and after the deal. If for any case they don't agree for the deal then they will also knock admin and tell their problem so admin can cancel deal.

1.4 Expected Outcome

These activities I have experienced a Product Owner needs to perform, so that scrum teams keep in effect:

1. Keep UP the Product Backlog: MAINTAINS an ongoing full- time job. Nothing is constant in software world and it is important for product owner to keep his eye on

the ball. (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

2. Inspect product progress at the end of each Sprint and has full authority to accept or reject the work done: Product owners work is to inspect what's done or not done. Look after previous deal. Maintain work sequence. (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

3. Assist with development of Epic, Themes and Features in user stories that can be achieved in single sprint: Product Owner is responsible for plan a meeting to help the team to understand exactly what needs to be done. And user is a person who works until the end of deal (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

4. Conveys the status externally: Product owner is the ultimate voice for team. And his work is to ensure all communication channel are open. (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

5. Can change project course at the end of each sprint: Product Owner owns the power to control and can control the team in completely different direction at Sprint borders. As long as product owner is confident and knowledgeable, his team member will appreciate this change. (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

6. Terminate a Sprint if drastic change of direction is needed: In business, any opponent may release new version and others must converse it. And this is very serious deal for product owner's team. That means their work must be ready to beat them.

Responsibility of Product Owner is onerous and no one else in this team can cover it or pick up the slack. So it can be success or failure for the whole project or, in the worst circumstances, success or failure for company. (Milunsky, The Product Owner - Top 10 Responsibilities, 2009)

And here's some terms that shipping agent should perform also

- 1. Keep information updated:** Shipping Company should always update their information so that any kind of deal can be done in very short time.
- 2. Always make proper deal:** Shipping agents must make proper deal with product owner and give proper information to admin so that that deal can be done in exact time.
- 3. Keep in touch with admin:** Agent will always keep in touch with admin so that if any deal happens so that he can provide deals information to admin in right time

1.5 Report Layout

Chapter 1-In this chapter it is focused on introduction, motivation, objectives, expected outcome, and project outline of this project

Chapter 2-Background of Project of this project

Chapter 3-Some Steps to Building a Successful Online Drop Shipping Business of this project

Chapter 4-Some Things Customers Want on a Website of this project.

Chapter 5-Implementation and Testing of this project.

Chapter 6-Discuss the conclusion and future scopes to development of this project.

Chapter 2:

Background of Project

2.1 Introduction

The project is built upon two pillars: roles and artifacts.(Jeff Sutherland,Ken Schwaber, 2018) Using those two pillars will enable one to understand how it works. Admin, product owner, shipping agent. Note that within Admins, roles are not Positions and vice versa. A role is linked to a responsibility – which means that someone, who is taking a certain responsibility, can perform a certain role. Coming back to the roles, one can differ between roles that belong to admin, roles that affect user (product owner) and user (shipping agent)

2.1.1 User

In here user are both product owner and shipping agent. And they work till end of deal. At first product owner gives advertise about his product in website and if any agent finds interesting then both of them talk with admin about deal. After that they do their official work for the current deal which they are making. At the end they give one official paper to admin and make deal done.

2.1.2 Artifacts

The second pillar of project is about artifacts. Artifacts are a medium of information; some of them are called information radiators, where others are more tangible and thus are called environmental information radiators (Cockburn, p. 76-79, 2001). The following sections will explain the standard artifacts.

2.1.3 Vision

The vision of projects is to reduce the products price when it is needed the most. We can see that sometimes few product price rise due to lack age of transportation and dealer blames one another for this. But sufferings of people won't reduce just saying that. So we want to make sure that every product can be delivered at right time. And in that same time we will make sure that price

of product will remain low. On the other hand in now day's product owner can't find shipping agent in very short time. Because they have to go door to door for their deal. So by making this we can reduce their pain also. We can earn huge amount of remittance by this.

2.1.4 Sprint Backlog

This is an iterative improvement approach. Subsequently the administrator needs to chip away at various client stories amid every cycle. In here, such a cycle is designated "run". For each dash, item proprietor gives a specific measure of data that depend on the item. These picked data stories are placed in the dash. In this way, a dash is a determination of client data stories the administrator needs to finish inside the current run.

2.2 Related Works

You will be happy to realize this is the primary site dependent on this kind of business. Where individuals can give information and can do his business with in brief time. Just to have clear thought I'm giving few related online sites which doesn't function as like us. Be that as it may, we can relate couple of things with them.

FedEx: Frederick W. in 1965. Smith composed a paper term. He illustrated the strategic difficulties looked by spearheading organizations in the information howdy tech industry in paper. From that FedEx turned out.(FedEx, 1995-2018)

It's widely acclaimed expedited administration which is serving the world for couple of decades, FedEx has manufactured a creative portfolio elucidation that connection clients to in excess of 220 nations and domains. This is 99% of the world's GDP. (FedEx, 1995-2018)

Amazon: Amazon Web Services (AWS) is a protected cloud benefit stage that gives processing power, database stockpiling, content conveyance and different functionalities to enable organizations to develop and grow. Investigate how a great many client's utilization AWS cloud items and answers for the improvement of commonsense applications with expanded adaptability, versatility and dependability. (Amazon, 2018)

2.3 Comparative Studies

“Product-mode” is a way of working. It is a way of financing and organizing web development which differs considerably from the way the projects are done. Although generally applicable to digital - age enterprise IT, this way of working is particularly suitable for those who want to drive business via a digital platform. The project differences are summarized below and developed in the rest of the project.

<i>Projects</i>	<i>Product-mode</i>
What gets funded?	
A pre-defined solution or outstanding scope gets funded.	A team gets funded. A product-mode team is funded on a rolling basis (e.g. for a year at a time) with periodic reviews. The team takes on one problem after another, roughly the same space, working through an evolving roadmap aligned with product/business strategy.
For what part of the development lifecycle is funding made available?	
Mainly for building the solution.	For building, running and iterating on the solution or even pivoting to a different solution till the underlying problem is <i>verifiably</i> solved.
How are the value stream stages of “ideate”, “build” and “run” organized?	
As separate departments.	As a single department with unified reporting hierarchy.
How long do teams last?	
Until project funding lasts which ideally means until the originally conceived solution is delivered. Typically, several weeks or months.	As long as the roadmap has business relevance. Typically, several years.
Do people stay and work in the same general area for long?	
Not by design. For any given individual, the next project may be in a completely different area.	Yes.
How does prioritization work?	
Projects are prioritized by business along with a project portfolio management (PPM) group. Read more.	Roadmap items are prioritized by product owners and their business counterparts. Cross-cutting initiatives are prioritized by the business or tech leadership. Initiatives don't get their own team. They are parceled out to pre-existing product-mode teams.
How does benefits validation work?	
There is emphasis on formal assessment of projected benefits prior to project approval. There is typically no mechanism for validation of actual benefits after project delivery.	Product owners prove actual benefits either with data from A/B testing, analytics, user surveys, etc. or with feedback from business. This ability is dependent on good engineering capability to develop and release frequently in small chunks and good analytics capability to determine delta changes in adoption, conversion etc. There is relatively less emphasis on assessing projected benefits upfront, especially amongst the best such teams that execute with short cycle times and can therefore try new ideas without incurring a high cost of failure. The product owner is empowered to approve development of roadmap items as they see fit. By developing in small, end-to-end iterations, product owners are able to detect early any efforts that miss the mark and thereby fail-fast (fail-cheap).

How is success defined?	
Delivery of agreed-upon scope on time and budget.	Improvement of a metric directly related to a business outcome or not more than one or two levels removed from a business outcome. Thus, every product-mode team is ideally a business KPI driven team. For example, Scout24 operates like this with teams responsible for traffic, engagement etc.
Are there any constraints around team organization?	
No.	Products-mode works best when teams are organized to be simultaneously aligned with business relevant capabilities and with enterprise architecture boundaries. Without the former, they may lose alignment with business goals. Without the latter, they lose out on autonomy i.e. the ability to evolve their systems relatively independent of other teams.

Figure 2.1: Products and product mood

2.4 Scope of the Problem

Administration of organization is an imperative hierarchical job. Administrators are normally found in ventures that fabricate items for client. This job created from client position in shopper bundled merchandise organizations. Administrator is in charge of this item or product offering's strategy, guide and highlight definition. The position may likewise incorporate the duty regarding promoting, foreseeing and benefit and misfortune. Exercises go from vital to strategic and include:

- Set a separated vision and technique that gives an extraordinary esteem dependent on client necessities.
- Give cross - utilitarian initiative, especially between the groups, team, shipping operators. Key part of administrator is to convey the Roadmap arrangements and keep everybody educated about the updates.
- Characterize the operator's conveyance and execution course of events. This incorporates the making of a discharge plan, taking noteworthy criticism and thoughts and organizing highlights.
- Characterize the operator's conveyance and execution course of events. This incorporates the making of a discharge plan, taking noteworthy criticism and thoughts and organizing highlights.

CHAPTER 3

Requirement Specification

3.1 Business Process Modeling

Interaction between agent and owner is extremely popular business model for new entrepreneurs. If anyone wants to be member of this website, then they have to provide their information which is given in the website. Then admin panel will verify if their info was correct or not. If their info were right, then admin will send a mail to users. Only verified user will be able to see advertise and make deal among each other. NOTE: if any of the user gives wrong information or don't give proper information they can't access the verified pages. If any product owner wants to make deal with shipping agent, then they have to knock admin and admin will make the deal easier. Admin will provide all necessary papers for the deal and both the user will have to admit their dealings paper to admin. And at the end by doing Gov. Work done user will admin a final paper of agreement to admin. In the other hand if in any case the deal is canceled then both user have to inform the admin and have to give proper reason behind canceling the deal.

3.2 Requirement Collection and Analysis

At first client need to give their data .In that data client need to give first name ,last name, (organization name) name of that organization , (permit number) in each business there is a permit number so here it is vital to recognize its legitimacy , (email id) by this id administrator will send all kind of data , (sort of organization) what kind of organization is imperative, (organization mail id) in each organization there is an exchange mail id shape where it does its online deal,(country) where this organization is ,(state) condition of that organization ,(client name) when any client will apply for his id he should give an id name for his profile,(password) is additionally essential to have security.

Analysis:

- In the wake of gathering all the data administrator will look through the given permit number, organization name, state and nation. On the off chance that all data were right then our administrator board will send letters to client. Here are a few things that can be trailed by item proprietor and transportation specialist's motivation:
- **Look for appealing benefits:** (Long, 2017) to run web based interaction system we have to keep in mind about customers need and marketing. We have to think about the needs of user and the same time we have to maintain the price issue also.
- **Low delivering expenses are critical:** (Long, 2017) Minimal effort of

delivery is vital. In spite of the fact that there are numerous reasons that is making the value high .But we need to make it sensible for the destitute individuals. Smidgen of staggering expense may differ in nearby market.

- **Make sure people are actively looking for your product:** (Long, 2017) Use Google Keyword Planner and trends to check common search terms for your potential niche. If no one is looking for what you plan to sell, you're dead in the water before you even start.
- **Sell something not easily available locally:** (Long, 2017) Pick something your customer can't find down the street. That way, you become more attractive to a potential customer.

3.3 Use Case Modeling and Description for interaction system

In this interaction system we can give three use case model

- i. Product owner.
- ii. Shipping agent.
- iii. Admin.

i. Product owner

The product owner does not directly belong to the admin panel as like the Admin. Instead, product owner forms together with Admin and product owner so-called user (Gloger, p. 108-109, 2011). Product owner generates advertise inside website so he can make deal with agent. At the beginning of such a deal he creates what is called a title. Such a title describes the deal and has to motivate the agent at the same time. Thus, the agent has to be able to feel the needs of the product, the agent should get the feeling that it is something meaningful, something important. Then he gives his products information and waits if any agent response. After that he calls out the admin for his deal. He gives all the document that is needed for the deal then admin talks with other user and helps to makes the deal done. As an example take Google. Google has a big product portfolio; think of the search engine, Gmail, Google Earth or the social network Google+. Each of these products can be seen as mini companies. The existence of such a mini company is dynamic – as long as the product generates profit it continues to evolve, but can be stopped at any day, as happened with Google Wave, for example. Therefore, admin works as an intermediary between owner and agent (shipping).

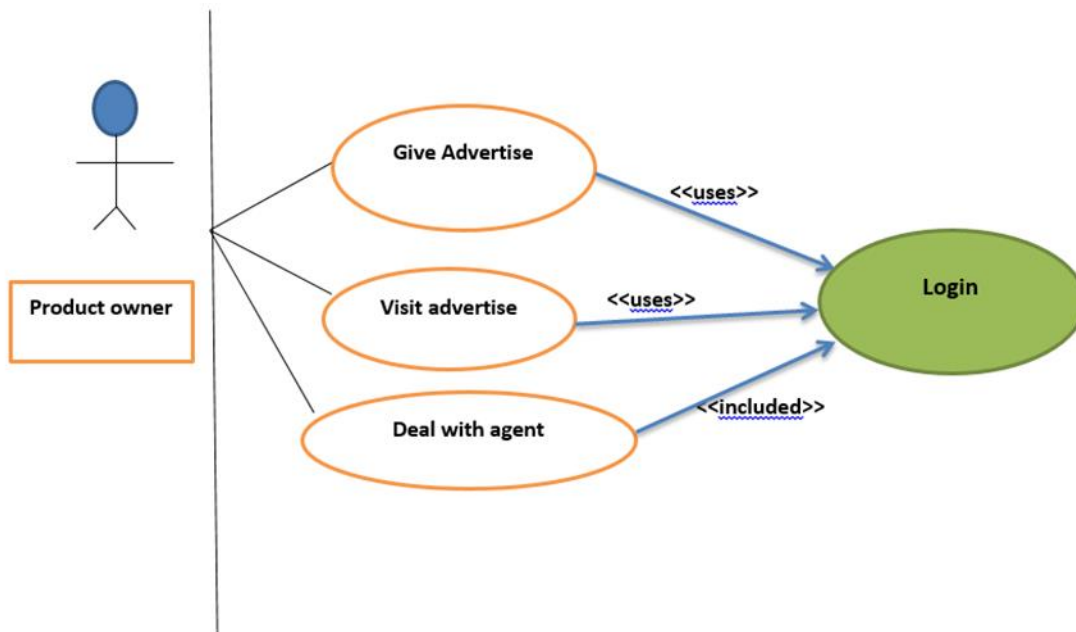


Figure 3.1: Use case diagram for product owner

ii. Shipping Agent

The agent funds deal and this is one of the key differences to role of product owner. At first he views advertise is given by product owner, if he found it interesting then he knocks admin for deal. Then admin panel knock product owner, talks about product and tells about agent. If everything is okay, then admin gives them permission to do the deal. Then agent takes product as product owner's instruction for delivery.

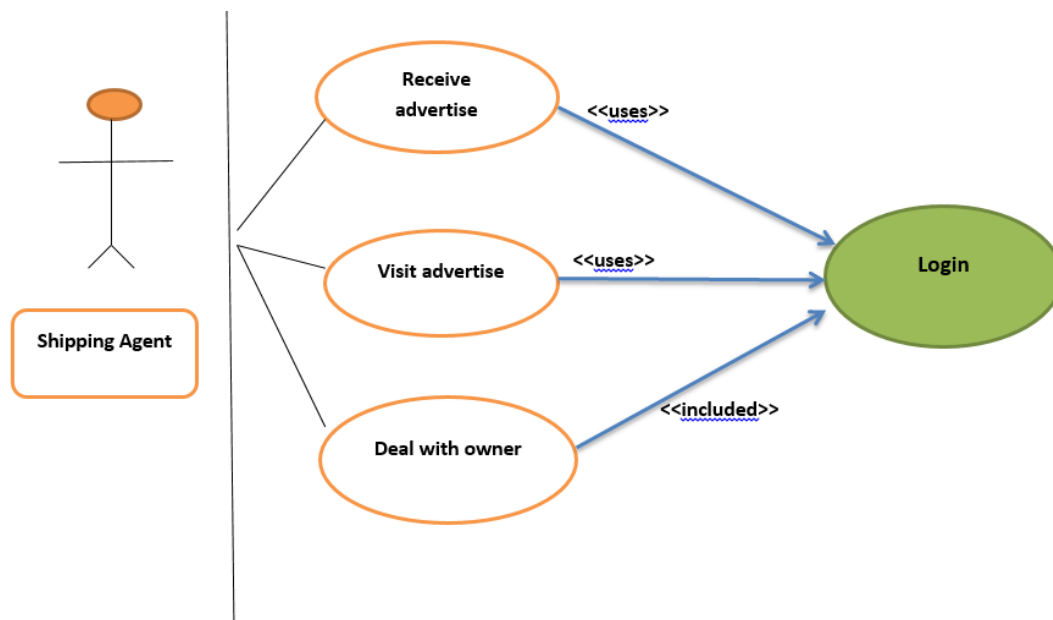


Figure 3.2: Use case diagram for shipping agent

iii. Admin

The Admin is a dedicated role in this project. His work to make sure he gives the right space to make good deal with user. He looks after his website and panel make the deal easier for user. His work is to make hassle free deal and he also absorb external problem about the deal that might affect. For example, if a user lacks a certain piece of document, it is job of Admin to make sure that user receives that piece of document as soon as possible. The job of the Admin can be partly compared to one kind of bodyguard: he tries to make sure that no one harms user, in other words

that productivity remains stable. As an example: if a (product) owner wants one agent to work with another agent, it is job of Admin to tell the user that this is not possible. Job of a good Admin comes thus at risk; he is always in the line of fire. The Admin also ensures that communication between user and other external parties. The Admin collects those impediments and tries to solve them one by one - the panel can help him by stating which impediments are more time critical than others. Panel has to understand role of a Admin in order to provide the service that user needs. Job of a Admin is often underestimated; companies tend see this role merely as an addition to an existing position.

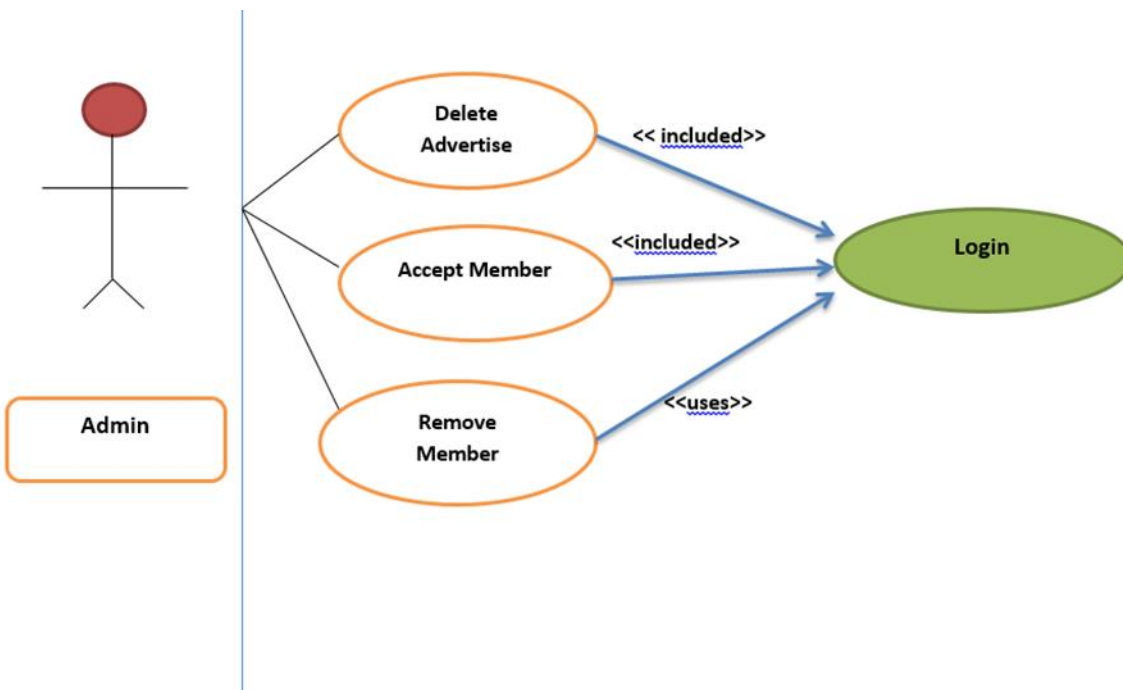


Figure 3.3: Use case diagram for Admin

3.4 Design Requirements for this system

To design one system there should have some essential requirement of a good product design. Those are given below:

- **Function:** The interaction system must be designed to optimize the main task or function for which a user purchases it. In other words the system must satisfy both the needs and the wants of the user.(Akrani, Essential Requirements of a Good Product Design, 2012)
- **Reparability:** The interaction system must be designed so that it can be easily repaired during malfunction when necessary. The system repairs must be done quickly that to a low repair cost. (Akrani, Essential Requirements of a Good Product Design, 2012)
- **Reliability:** Reliability means interactive system reliability. A system must perform well and provide trouble- free service for a decent time. Reliability is therefore an important factor. (Akrani, 2012 Good product design requirements)
- **Aesthetics:** Aesthetics must be kept in mind while designing an interaction system. It refers to, how the system looks, sounds, preforms. That is, the system must look, sound, preform very good. It must be attractive, compact and convenient to user. Its packaging must also be made graphically appealing and colorful. (Akrani, Essential Requirements of a Good Product Design, 2012)
- **Durability:** Durability refers to the life of an interaction system. A durable interaction system performs flawlessly for a longer period. It is a sign of a

good-quality thing. User wants their system to have a longer life. (Akrani, Essential Requirements of a Good Product Design, 2012)

- **Simplicity:** The design of the interaction system must be very simple. The simpler a design, the easier, it is to system. Simple systems are also economical and reliable. (Akrani, Essential Requirements of a Good Product Design, 2012)

3.5 Create a user acquisition plan

Having an incredible framework and site, however you don't have a business without clients trying to manage it. There are a few different ways to pull in potential clients, yet a Facebook advertisement crusade is the best alternative. This enables you to create perspectives and incomes appropriate from the earliest starting point, which can add to fast heightening. Facebook gives you a chance to put your offer before an exceptionally focused on gathering of people. This enables you to contend quickly with the greatest brands and retailers. You likewise need to think long – term, so you ought to likewise center on site design improvement and email advertising. Gather early messages and set up computerized email successions offering rebates and extraordinary offers. It's anything but difficult to utilize your current client base and create income without extra promoting and advertising use.

CHAPTER 4

Design Specification

4.1. Introduction

In this interaction project we build few features which will be helpful for both users. In this website general people can make a visit, in home page we put our recent business deal, pictures of our clients whom we work with. We showed our laws and publications by which any user can take an idea about their registration. We gave our contact details so any one can contact us .We gave answer of some frequent question about our services. We put notice board and news section for awareness of our user. We give some important links so user can use those links if they need in business purpose. And if any user is verified then they have to login to the website and after that they can visit our classified sites as like they can visit advertise. Give advertise for business. User can chat with admin if they want to make any deal. And in there every user will have their own profile.

4.2 Front-end Design

Our web page contains some features. We separate it in two parts

- i. General part
- ii. Verify part.

General part is given below:

4.2.1 Home page: In this home page everyone can visit a have an idea about our web site. In this home page we gave an idea about our recent deals. We gave our vision and mission about the website. Then we put our user company picture so that others can have an idea that whom we are working with. We put notice board in this notice board our websites important information will be given. Then comes News in here we put some recent news about our business related news which will also give an idea for

the user. Then comes laws and publication here we put some laws of our company so that user can provide proper information. Important links in this we put some important links related with our website which will also helpful for user.

4.2.2 about us: In this portion we give our vision about the website and also about the business. And put mission about our website so people can have a clear idea what we are doing.

4.2.3 Business excellence: Here we make two part one is about our services. In this portion we elaborate our services which we are providing. And in the other part we are showing our policy about the business.

4.2.4 Member: In here we make a form for registration in our website. Here user has to give their legal information for registration. If anyone take any illegal step or give false info, then he can't get access in the verified part.

4.2.5 Contact Us: In this part we are giving our company's e mail, hot line number and website link.

4.2.6 Gallery: Here we put some of our renowned user's company's ship picture.

Verified part is given below:

4.2.7 Advertise: Here only all advertise will be shown which is given by user. And agents can make deal by visiting this advertise

4.2.8 Give advertises: Here product owner gives advertise so he fills up the information form. And by doing that he gives advertise of his product.

4.2.9 Profile: In our website all user will contain different profile. In their profile all their products detail will be given as well as user can know about their company.

4.2.10 Chat box: If any user wants to deal with another user then inside the chat box they will have to give detail of their deal. And this will be send to admin and admin will do rest of the work.

4.3 How our business is unique

Answer the inquiry "Who are you? "As intriguing (and genuinely) as would be prudent. This incorporates composing administration profiles that notice your ability, long stretches of involvement and any novel attributes or points of interest that may recognize you from others. You need to answer, Bredin says, "For what reason is one of a kind about your business? For what reason would it be a good idea for me to purchase from you? "This is absent from numerous business destinations in light of the fact that the proprietors have not made the key reasoning expected to make sense of that, she says. (Business on Main, 2010)

4.4 Back-end Design

Back end design is made based on these tools:

- PHP- It was designed to be simple, modular, secure, and reliable. It is easy to understand, and easy to integrate with other programs.

- MySQL—is a relational database system. The program runs as a multi- user server for multiple databases.

- HTML—Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications.

- CSS—CSS is the language for describing the presentation of Web pages, including colors, layout, and fonts.

4.5 Interaction Design and UX

Communication configuration is a procedure in which fashioner’s center around making drawing in web interfaces with consistent and thoroughly considered practices and activities. Fruitful intelligent structure utilizes innovation and standards of good correspondence to make wanted

client encounters. "Connection Design" breaks the field into five pieces that are as yet valuable and applicable today:

- Human/machine communication is the translation of conversations between the device and user(Cousins, What is an Interaction Designer, 2016): Here in this interaction system user deal with other user and have to knock admin by this site so this is one of the machine communication system.
- Action/reaction looks at how interactions happen and unfold (Cousins, What is an Interaction Designer, 2016): In this interaction system user deals with each other by the help of admin.
- State ensures that users know what is happening and why in terms of the application(Cousins, What is an Interaction Designer, 2016) : In this system both the users know what type of dealing they are doing and all the information is saved in admins data base.
- Workflow ensures that users know who to use a tool or application and what happens next (Cousins, What is an Interaction Designer, 2016): This system is very user friendly and user knows how to use this site.
- Malfunction takes into account mistakes that are bound to happen (Cousins, What is an Interaction Designer, 2016): In anyone gives wrong information then he can't be able to enter the verified part. And in the other hand if anyone gives any irrelevant advertise then it will be deleted by admin.

Client Experience Design" is regularly utilized conversely with terms, for example, "UI Design" and "Ease of use". Notwithstanding, while Usability and User Interface Design are imperative parts of UX Design.

4.6 Secure Socket Layer (SSL)

SSL is an encryption framework that ensures the protection of information traded between a client and a site.(Business on Main, 2010)In here our customer can be loosened up in light of the fact that .In our site we are concealing the majority of their characterized data so they can be sheltered from hacking

4.7 The difference between a Shipping agent and a Product Owner

The principle distinction between item proprietor and transportation operator in this site is item proprietor can give publicize for his item. Also, shipping operator will get that publicize. On the off chance that he is intrigued about that item, at that point he will thump the administrator about the arrangement. After that two will give their information about the arrangement and administrator will assist them with making the arrangement done.

CHAPTER 5

Implementation and Testing

5.1 Requirements

To decide the necessities for the advancement of a connection framework for organization as an internal framework, which guides the board in the day by day undertaking and obligation of successfully and professionally dealing with every one of the arrangements. It was the undertaking of to run a progression of prerequisites investigation sessions. There has been discovered that the investigations demonstrate that, it is additional tedious and gives a superior result for the client, while we utilize an administrator board in this connection framework. Every one of these results will be upheld by proof gathered by the individual arrangements that indicated the very same outcome, for gathering and assembling data for regular arrangement.

Was distinguished the accompanying primary association framework necessities:

- i. User administration reconciliation to the framework.
- ii. Security reconciliation on application.
- iii. To track bargains data.
- iv. Upload and erase records.
- v. Admin rights are to produce bargain.

It was concurred that the connection framework would be produced as a framework to coordinate the necessities of the arrangement that would incorporate flawlessly with the security foundation of the current entrance site CMS. This will empower approved clients to sign in to the framework and see an outline of applicable arrangements data. From signed in clients who approach will have the capacity to flawlessly access to administrator board framework. A framework necessities particular is an entire depiction of the conduct of the framework to be created. It incorporates an arrangement of utilization cases that depict the majority of the

associations that the clients will have with the framework. Notwithstanding use cases, the framework necessities determination contains utilitarian prerequisites, which characterize the interior workings of the framework: that is, the computations, specialized points of interest, information control and handling, and other particular usefulness that shows how the utilization cases are to be fulfilled. It likewise contains non-useful necessities, which force imperatives on the structure or usage, (for example, execution prerequisites, quality guidelines or plan requirements). The goal for coordinated effort has been the equivalent: showing signs of improvement, quicker and less expensive by uniting an assortment of assets and apply their aggregate information and capacities in a framework. Since legitimate coordinated effort with groups enhances profitability, accelerates result-production and advances of settling on a correct choice, it additionally captures valuable scholarly fortune and time.

5.2 Requirement for a Web Development Process

As a matter of fact in creating Web applications, have determined a rundown of necessities for Web improvement process. The most essential prerequisites are to give end-client inclusion, prototyping, change administration, prompt reaction, chance minimization, no regulatory overhead and straightforwardness and direction. Knowing the end client's prerequisites is basic for the advancement of fruitful Web applications. Characterizing the principle objectives for the advancement of a Web application, at that point client isn't the genuine end-client and, hence, he or she can't characterize every one of the prerequisites that are vital to end-client. Prototyping is utilized to use the contribution of end-clients in Web application advancement. Prototyping produces a fundamental adaptation of the required framework that can be looked into by end-clients. After survey, the model is added to and adjusted to deliver another variant closer to the one that is needed.

5.3 Main functionalities

Utilize Cases are content stories, generally used to find and record necessities. Utilize cases should be more natty gritty or organized and accentuate the client objectives and point of view. A utilization case graph in the Unified Modeling Language (UML) is a kind of conduct outline characterized by and made from a utilization case examination. Its motivation is to introduce a graphical outline of the

usefulness given by a framework regarding on-screen characters, their objectives, and any conditions between those utilization cases. The fundamental motivation behind a utilization case graph is to indicate what framework capacities are performed for which on-screen character. Jobs of the performing artists in the framework can be delineated. The usefulness of venture administration framework appears, where client and executive have distinctive functionalities to run. While client is changing or transfer/download or erase records in a framework while client is signed in, at that point for our managers has more rights to control in the framework. To be specific head has the privilege to include, alter or erase clients in a framework or include new ventures and unquestionably accessible to change extends as the client or add new activities to the framework.

5.4 General Users

In this web site all can visit but only the verified can have the access to make business deal. In the fig 5.1 we can see that for creating account user have to give valid information then user have to wait for admins response .

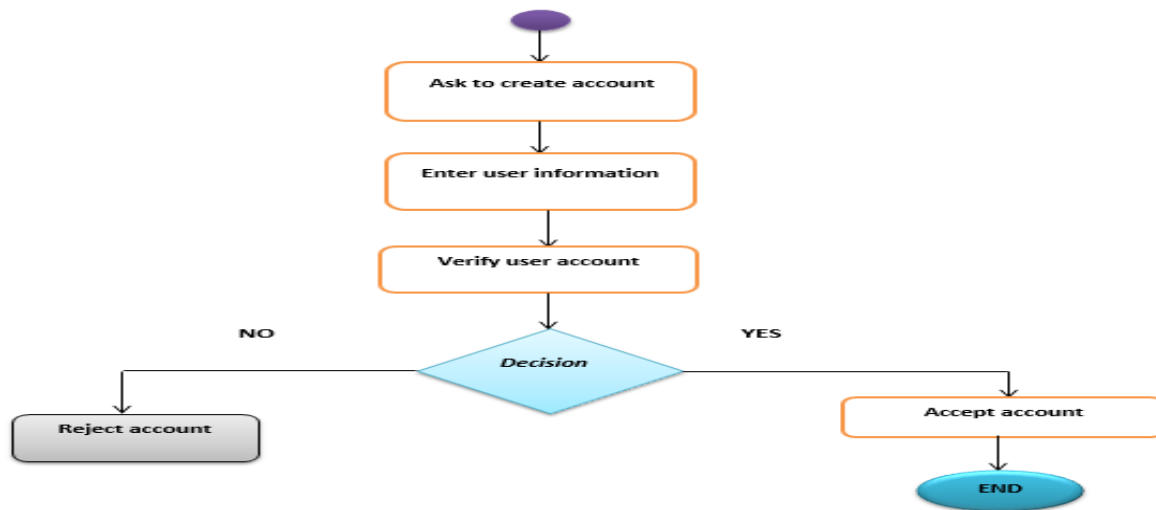


Figure 5.1: Flow chart diagram for general users

5.5 Product owner:

In this web site only verified user can have the access for business deal. And product owners work is to give advertise and wait for agent to response for deal. If both the user is agreed then they knock the admin for the deal to happen. Then admin send agreement paper to have a document of the deal. In fig 5.2 we can have a clear idea.

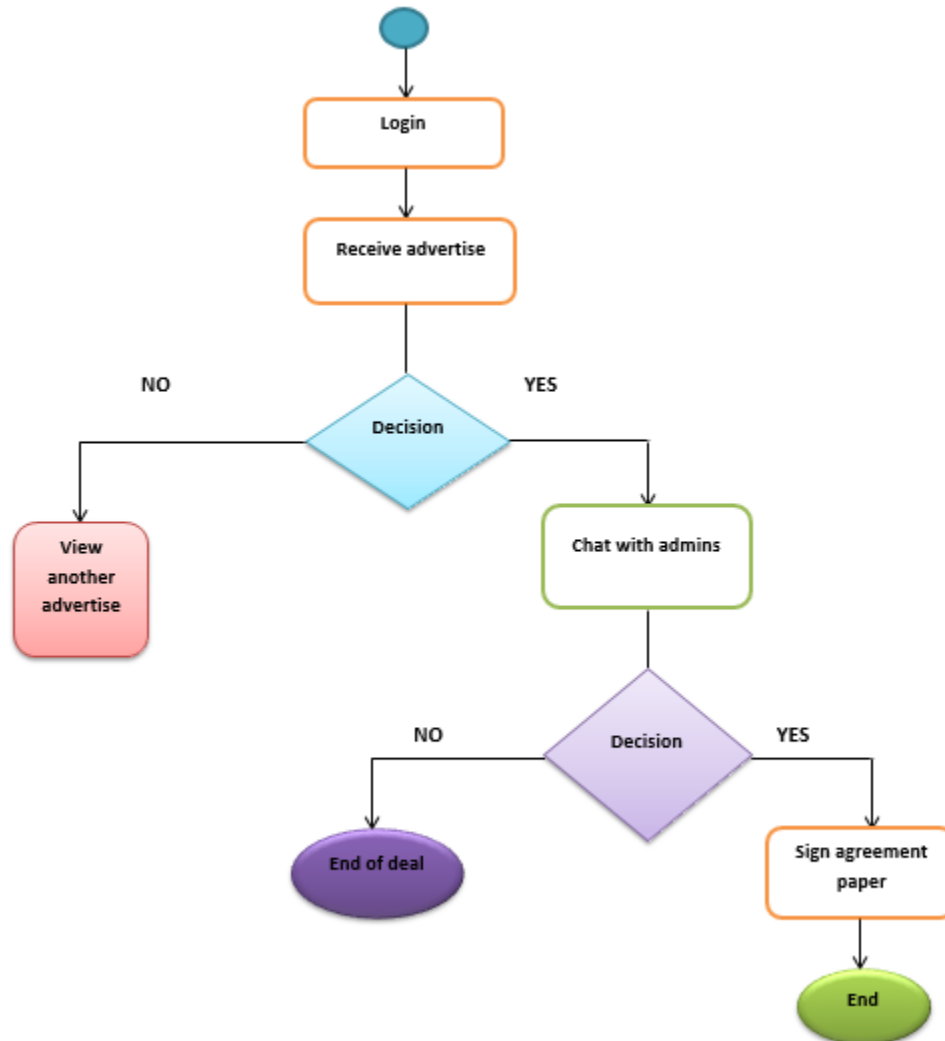


Figure 5.2: Flow chart diagram for Product owner

5.6 Shipping Agent:

Work of the agent in this website is to visit advertise and if he is interested for the deal then he knocks the admin. Admin will send agreement paper to have document of the deal. In fig 5.3 we can have a better idea about this.

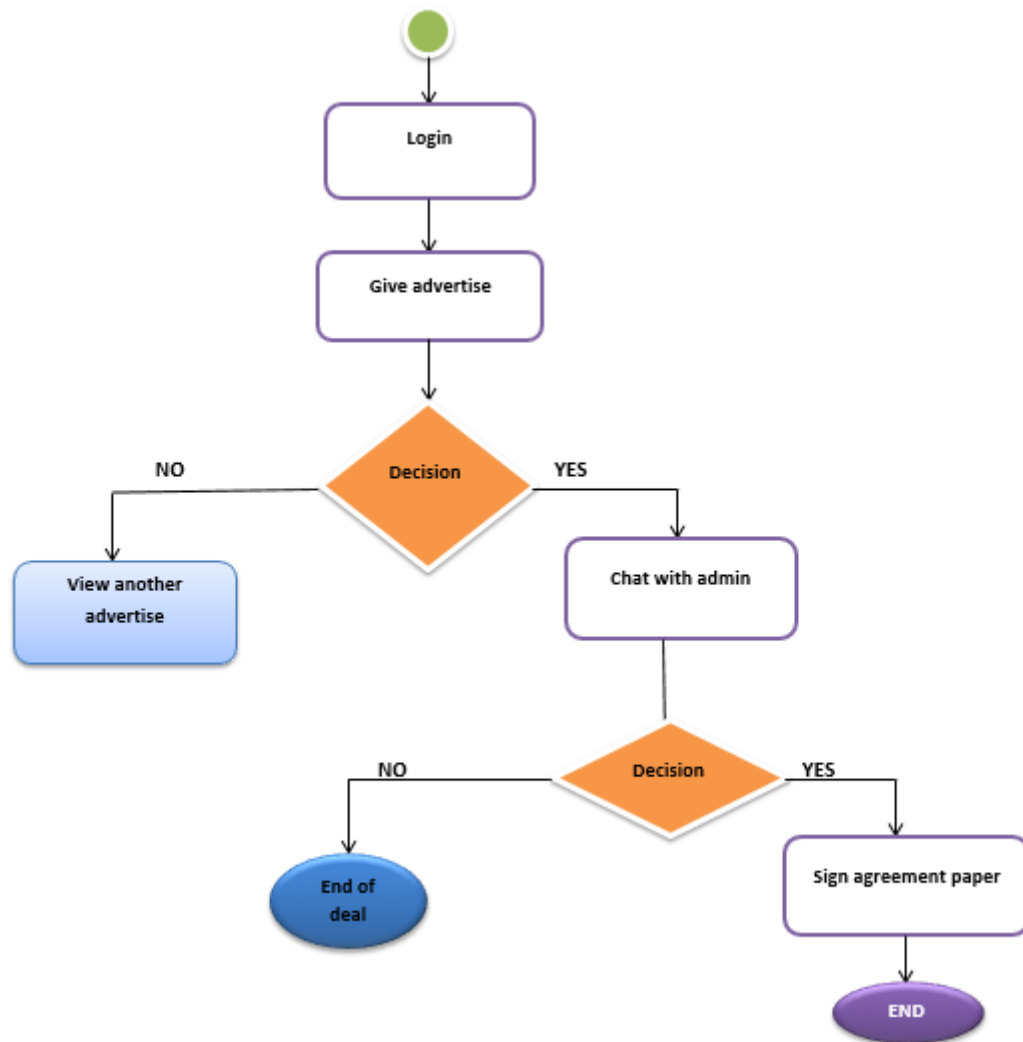


Figure 5.3: Flow chart diagram for shipping agent

5.7 Implementation

Interaction system is based on these tools:

- PHP- It was designed to be simple, modular, secure, and reliable. It is easy to understand, and easy to integrate with other programs.

- MySQL - is a relational database system. The program runs as a multi- user server for multiple databases

- HTML-Hypertext Markup Language (HTML) is the default language for creating websites and web applications.

- CSS -CSS is the language for displaying Web pages, including colors, layout and fonts.

PHP is fundamentally utilized for recovering and showing data assets on the web that is available to all clients everywhere throughout the world. MySQL is utilized for social database administration framework. The application is utilized for an extensive variety of purposes, including information warehousing, online business, and logging applications. Hypertext Preprocessor (or basically PHP) is a server-side scripting dialect intended for Web advancement. The Hypertext Markup Language (HTML) is a standard for portraying the structure and introduction of data by means of the Internet. We are utilizing html to structure our site and make it more appealing. CSS is the dialect for portraying the introduction of Web pages, including hues, format, and textual styles. It makes the site brighter.

5.8 Functional requirements

To enhance efficiency of creating web applications for client and to make simpler our ordinary working life, the framework has set up prerequisites for making an interior framework that is called online cooperation framework. To devour vital time and for keeping

all inconveniences not as much as great framework enables client to out. The association framework will orchestrate documentation administration inside framework, by keeping reports in a single place. Additionally, the most vital it keeps track on new arrangement that are executed and for those that are under usage for client and furthermore to watch out for blunders or oversights that happen amid our work procedure for some arrangement.

CHAPTER 6

Conclusion

6.1 Conclusion

This undertaking points are to diminish the agony of client. Since now daily's item proprietor goes to way to way to discover send. Furthermore, at some point in view of interest specialists takes more cash for shipment. Be that as it may, in the wake of building this site we can get both specialist and item proprietor same stage where they can make bargain by the assistance of administrator. In few cases in light of postpone shipment a few items value ascend high in market which is load for destitute individuals. We can likewise lessen that by making bargains less demanding. Heaps of client will have the capacity to take advantage in the wake of making this site. It will spare both time and cash.

Toward the end let me quote Steve Jobs: "It doesn't bode well to employ brilliant individuals and after that instruct them; we procure savvy individuals so they can guide us."

6.2 Scope for Further Developments

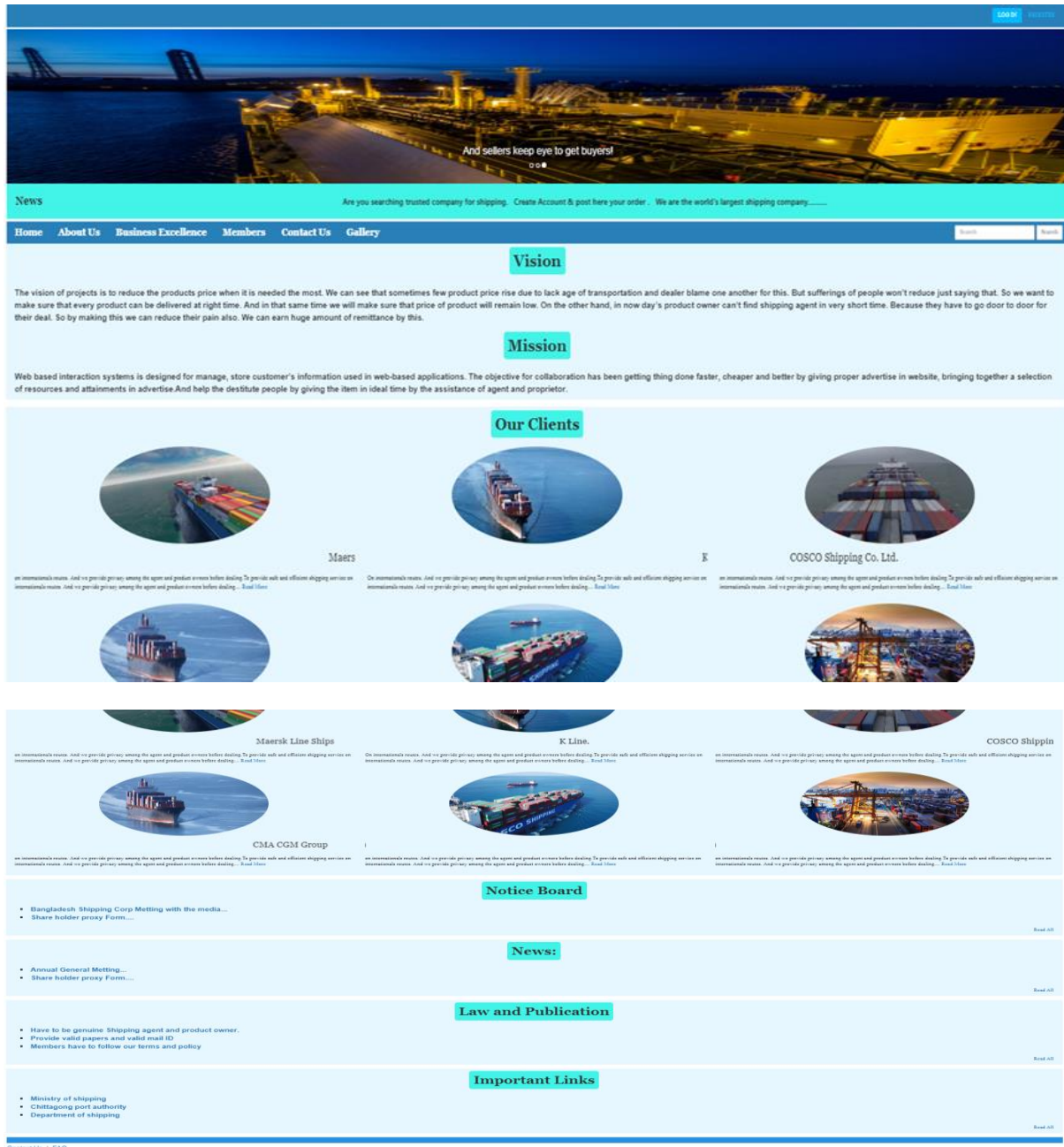
In future, above idea can be used for huge scale online cooperation framework between item proprietor and delivery operator. Facilitate the application will be included with the autonomous and manual area following of online association, check of the delivery specialist should be possible with more verified process. Item Owner(s) have obligation of prerequisite assembling and running dashes. Be that as it may, item proprietors don't characterize quarterly/yearly guide of item. Administrator in our framework characterizes the guide of the arrangement, he manages operators and proprietors.

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Appendix

Front page:



FigA1: Home page of general user

Membership form:

100% REGISTER

And sellers keep eye to get buyers!

News [Are you searching trusted company for shipping. Create Account & post here your order. We a](#)

[Home](#) [About Us](#) [Business Excellence](#) [Members](#) [Contact Us](#) [Gallery](#)

Membership

First Name:

Last Name:

Company Name:

Licence Number:

Type of Company:

Company Email:

Country:

State:

Add Photo:
 No file chosen

User Name:

Email:

Password:

[Contact Us](#) | [FAQ](#)

FigA2: Membership form of user

Verified page:

News

Are you searching trusted company for shipping Create Account & post here your order We

Home Advertisement Give Advertisement Profile Chatbox

Search Search

Latest Advertise

i need ship

hello,how are you ?i need ship for shipping my goods.i need it immediately

Previous

Notice Board

- Bangladesh Shipping Corp Meting with the media...
- Share holder proxy Form...

Read All

News:

- Annual General Metting...
- Share holder proxy Form...

Read All

Law and Publication

- Have to be genuine Shipping agent and product owner.
- Provide valid papers and valid mail ID
- Members have to follow our terms and policy

Read All

Important Links

- Ministry of shipping
- Chittagong port authority
- Department of shipping

Read All

FigA3: Home page of verified user

Advertise:

sign out admin

Meet The Best Company!

News Are you searching trusted company for shipping Create Account & post here your order We are

Home Advertisement Give Advertisement Profile Chatbox Search Search

LATEST ADVERTISE

Posted by: anonymous November 03, 2018 - 18:09:58pm

Shipment Time:
30 days

Product:
goods

Amount of Product:
300 k

Details:
Lorem ipsum

Deal this product

Comment:
.....Type your comment here.....

Submit

Posted by: UNKNOWN November 03, 2018 - 16:45:43pm

Shipment Time:
30 days

Product:
goods

FigA4: Page of advertises

Advertise form:

The image shows a screenshot of a website's advertisement form for shipping services. At the top, there is a banner image of a large cargo ship with the text "Meet The Best Company!". Below the banner is a navigation bar with links for "Home", "Advertisement", "Give Advertisement", "Profile", and "Chatbox". A search bar is also present. The main content area is titled "POST ADVERTISE HERE" and contains the following form fields:

- USER NAME:
- REQUIREMENTS:
- SHIPMENT TIME:
- PRODUCT:
- AMOUNT OF PRODUCT:
- DETAILS:

A "POST" button is located at the bottom of the form. The footer of the page includes links for "Contact Us" and "FAQ".

FigA5: Give advertise form

Client profile:

This Company Is The World Largest Shipping Company

News

Home Advertisement Give Advertisement Profile Chatbox

Search Search

User-Name:
John

Given Advertise:

1. i need ship
2. i need ship
3. i need two small ships again
4. n
5. SDFSD
6. FDS
7. JGHJGH
8. i need two small ships again
9. TWO SMALL SHIPPS WHITHIN 2 DAYS
10. i need two small ships again
11. i need two small ships again

Products Name:
plastis goods plastis goods goods kk SDFSAD G FJ GARMENTS GOODS goods goods goods

Profile Information:

First Name:	John
Last Name:	Doe
Company Name:	doe garments ltd.
Licence Number:	45635215215
Email ID:	mehadihasantushar@gmail.com
Type of Company:	gramnets
Company Mail ID:	info@doe.com
Country:	unknownCountry
State:	unknown
User Name:	John

Contact Us | FAQ

FigA6: Clients profile

Chat box:

Sign out admin

This Company Is The World Largest Shipping Company

News Are you searching trusted company for shipping Create Account & post here your order We are the world's largest shipping company.....

Home Advertisement Give Advertisement Profile Chatbox Search Search

Admin Chat Box:

Send message to admin

User-Name:

Product:

Dealing Comany Username:

Aggrement: Yes No

Message:

Send

Contact Us | FAQ

FigA7: Figure of chat box

