

INTERNSHIP ON SOFTWARE TESTING AND SERVICES

BY

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This Report Presented in Shortly Fulfillment of Requirements for the
Degree of Bachelor of Science (BSc) in CSE

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DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Internship titled “**Software Testing Services**”, under spiral world, submitted by **Salma Khatun** to the Department of CSE, Daffodil International University (DIU), has been accepted as favorable fulfillment of the requirements for the degree of Bachelor of Science (BSc). The presentation has been held on 10th December 2018.

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I am declaring that, the internship has been done by me, **Salma Khatun, ID: 161-15-7362** under the supervisor of **Rubaiya Hafiz, Lecturer**, Department of CSE, Daffodil International University. I also declare that no parts of this internship report disclose anywhere for award of any degree. I also declare that, I collect information from Books, Internet and Onsite observation.

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I am really grateful and want to wish my supervisor **Ms. Rubaiya Hafiz, Lecturer**, Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of my supervisor in the field of “**Software Testing Services**” guides me a lot to carry out this internship. Her patience, guidance, encouragement, constant and valuable supervision, valuable advice, reading my curriculum and correct them at all stage that made it possible to complete the internship.

I really like to say thanks to **Dr. Syed Akhter Hossain**, Professor and Head, Department of CSE, for his kind help to finish my internship. I want to thank to other faculty members and the staff as well.

I am also thankful to my course mate who helps me in several part of discussion and I know that its help me to gain knowledge about internship more than my expectations.

Finally, I disclose my respect to my parents, they help and supported me in every time when I feel disappointed in some reasons.

ABSTRACT

This report is written based on software testing that will help to improve a software or website quality. I think it will help students to grow his / her knowledge about software testing. It will also help teachers to teach students and student will be learned from it that what is the software testing and how it will work. This report has included various tools that will help to get quality of the website or software. During the starting time to collect knowledge of testing, what should student do, I include all of process what they need to do at first. For further learning I have included some references link which will help everyone to learn. There are some links that are refers to testing tools. I also gave an example of testing result that are expressing the quality of a website. I hope this report can be a direction indicator for beginning level of students or learners.

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CHAPTER 1

Introduction

1.1 Introduction

Now days the software testing profile is changing very quickly. Become efficient software testing experimenter for implement several types of applications and can detect it several ways. The software or website testing can be calculating in many ways by using several software testers. There is huge amount of tester are available into the online and we can use it to determine application are efficient or not. To be an experimenter in the testing field there are huge of career path we can choose which path is suitable for me. There is a particular person position to test software for user. I think it is a good career for me if I have a greater knowledge about it.

The following figure shows some options of software testing.

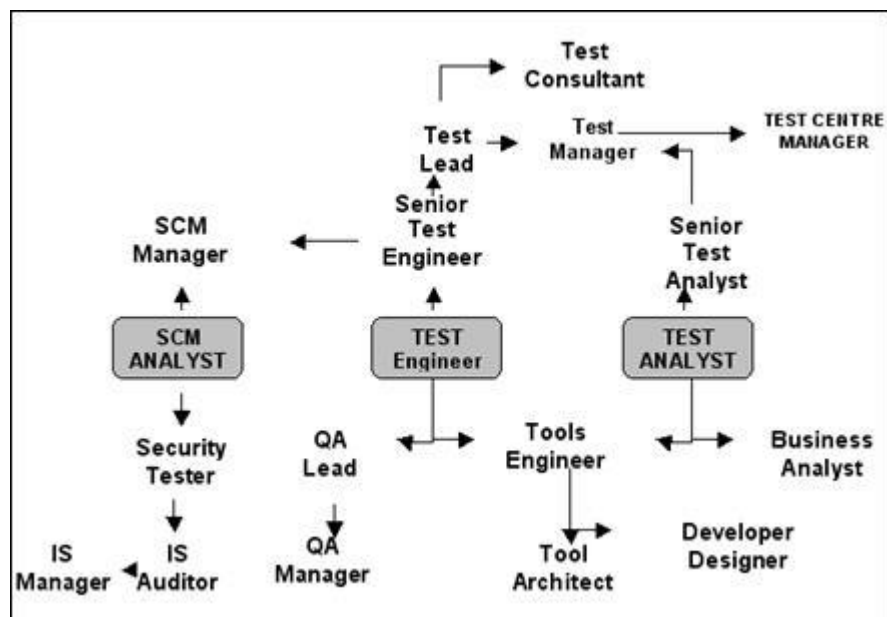


Fig. 1.1.1: Various options of software testing

As mentioned above, a Supply Chain Management Manager is able to interact with system. Test Manager is able to control senior test manager and test analyst. Test engineer are able to work with tools and maintain quality assurance. Test analyst is able to work with tools and maintain business, how it will more efficient. Tools engineer can develop design by using several ways. There are many testing purpose are available such as website availability, duration of page load, website traffic, content of website, rank of website etc. [2]

1.2 Motivation

I am studying my graduation in Computer Science Engineering at Daffodil International University, I have realized the importance of acquiring real knowledge which will complement theoretical knowledge and help me achieve greater perspective on my future. During the internship I found that I was fully skilled in the details of effective testing, regression testing, UX testing, consistency testing, integration testing, system testing, geo testing, performance testing, website and web application testing, entrance testing, test documentation, Test Management. I think I could gain the knowledge about that I mentioned above.

1.3 Internship Objectives

The objectives of internship are to develop a student and grow her knowledge about respective area of learning and to make up for fetch any types of real challenge. They coordinate with real face of job market and give me practical academic training and make comfortable to take any jobs.

1.4 Introduction to the Company

Head Office: 64/3 Lake Circus, Mirpur Road, Kalabagan, Dhaka - 1205

Type of Company: Public listed Company

Contact Us: Cell: +8801713493190, E-mail: secretary@daffodil-bd.com

Website Link: <http://www.daffodil-bd.com>

Established Year: 1990s

Subsidiary Companies: Spiral World [1], DIS, Dolphin Computers Limited, DSL, Jobsbd.com, DIPTI

Associated Organizations: DIIT, DIA, Daffodil International College (DIC), BSDI, DPI, DOL, Computer Clinic Limited

Brands of Company: DaffodilPC, processors, NIC, HDD, Memory, Keyboard and Mouse, Mother Boards, Computer Accessories, Large and Small Printers, UPS, All Software Products

Branches and Distributors of Company: Dhaka, Narayangonj, Chittagong, Cox's Bazar, Comilla, Khulna, Bogra, Sylhet, Dinajpur, & Rangpur [8]

1.5 Report Layout

In the chapter (1) I have described Introduction of internship, objective of internship, Motivation of internship and Production of the company.

In the chapter (2) I have described the Introduction of company, Product and Market situations, Target Group, SWOT analysis and gave a diagram of organization structure.

In the chapter (3) I have described the daily task and activities, Events and Activities, Project task and Activities with broadly describe and gave some Challenges.

In the chapter (4) I have described the Competencies Earned, Smart Plan and Reflections.

In the chapter (5) I have described the Conclusion and Future Scope that I gained from the company, where I was learned internship. I also mentioned criteria of future scope.

CHAPTER 2

Organization

2.1 About the Company

Daffodil Computer Limited was established in 1990s by Md. Sabur Khan. Main business of this company is assembling, selling computers and software development, training and testing. This company is ISO certified and the no.1 brand is DaffodilPC. The mission of this company is delivering services of ICT and vision of this company is to arrive to the highest level of ICT. [7]

2.2 Product and Market Situation

Main product of this company is Assembling and selling computers and training with software development and testing. It comes first at them market in 1990 and began with conventional ICT training. In 1991 added some more computers, in 1992 added printers etc. In 2007 this company joint with software giant Britesoft, Malaysia to grow demand of software market. It was one of the first ICT companies that joint the foreign software company to grow demand of software market. So now Daffodil Computer Limited is growing as like as flying bird to get opportunity of highest level of ICT. At now market situation of this company is very well. [6]

2.3 Target Group

The main targets of this company are,

- To achieve goal, increased several path
- To gives intern facilities to student / learners.
- Manage training to develop knowledge about software testing

Contribute to different kinds of economical organization.

2.4 SWOT Analysis

There are some ways to SWOT analysis, [3]

- Balance the company with the external environment.
- Make competition oriented.
- Measure the weakness and threats
- Grow up Strength and opportunities

There are some objectives of SWOT analysis,

Strength: Medical Staff, Strong Commitment, Hospital Facilities, Healthcare Quality, Organizational Efficiency.

Weakness: Enough Resource, Lack of care, Shortage of staff

Opportunities: Growing community, Increase Community, Growing Healthcare programs.

Threats: Reduced government reimbursement, Increased Competition.

2.5 Organizational Structure

In following image is the structure of the organization [6, 7]

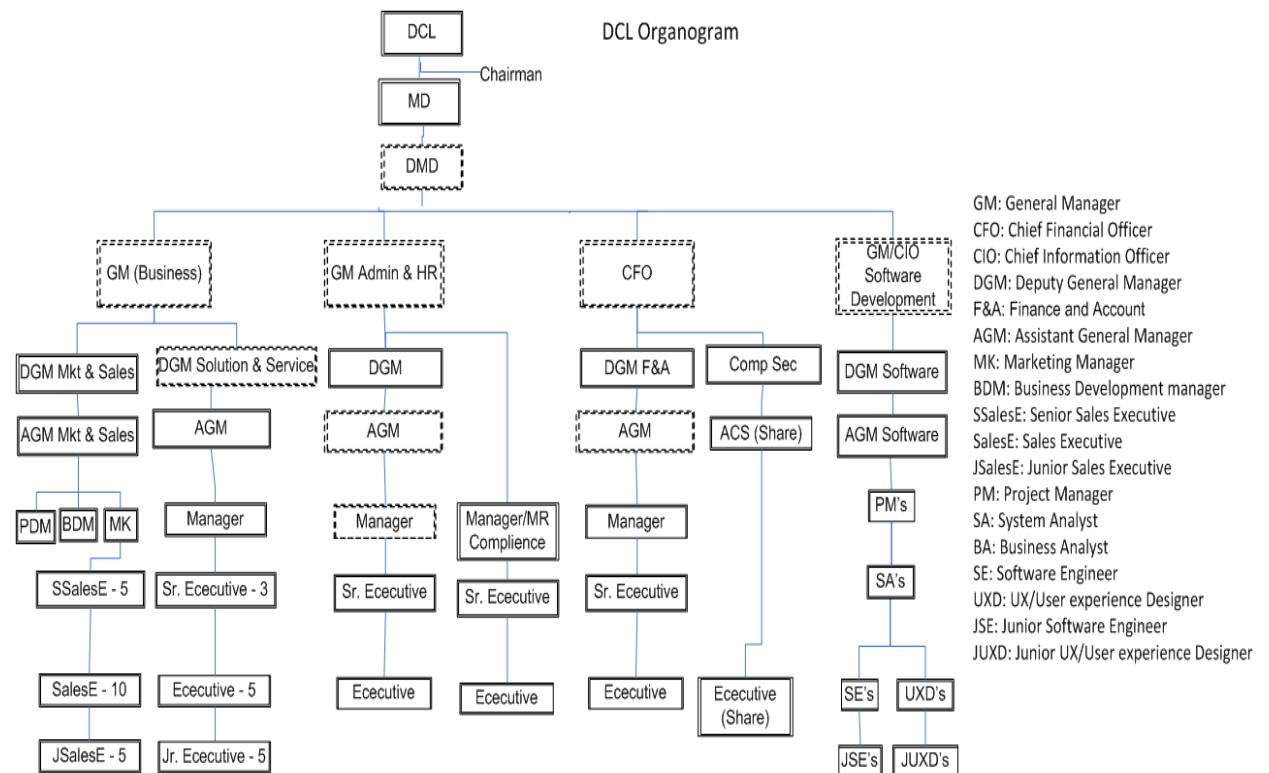


Fig. 1.2.1: Structure of Organization

CHAPTER 3

Tasks, Projects and Activities

3.1 Daily Task and Activities

In the 1st month, I have learned about the following testing,

- Website & Web Application Testing
- GUI Testing

In the 2nd month, I have learned about the following testing,

- UX Testing
- Regression Testing

In the 3rd month, I have learned about the following testing,

- Functional Testing
- Compatibility Testing
- Integration Testing
- System Testing
- Performance Testing
- Penetration Testing
- Test Documentation
- Test Management
- QA Consultancy
- Quality Assurance

3.2 Events and Activities

Meting Participation:

- To learn knowledge about decision making
- To take Opportunities to give some opinion
- To adaption with environmental behavior

Conference Participation:

- To increase self confidence
- To gather modern knowledge about technical / non-technical manner
- To achieve extraordinary opportunities

3.3 Project Task and Activities

There are several criteria that I have must collect and put the valid information for several types of website. In the following options is the activities of my project for individual website link.

3.3.1 Process of website testing

- First open a browser such as Mozilla Firefox or Google Chrome etc.
- Write <<https://www.uptrends.com/tools/uptime>> into the URL to go to calculate website status for an individual website.
- Now paste the website link that I have to calculate.
- In some few seconds later I will get my results.

In following is the measurement of a website status:

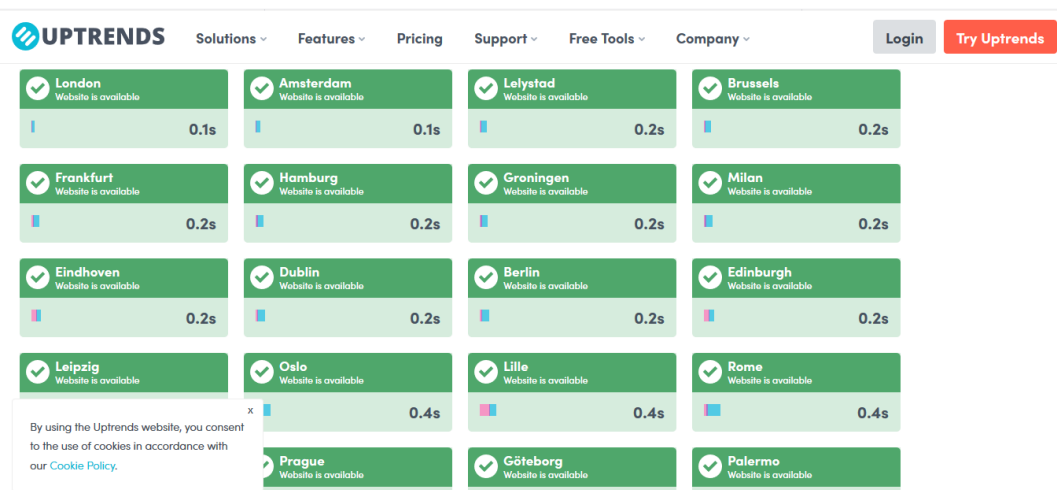


Fig. 3.3.1: website status for different region

In following is the broken links of a website:

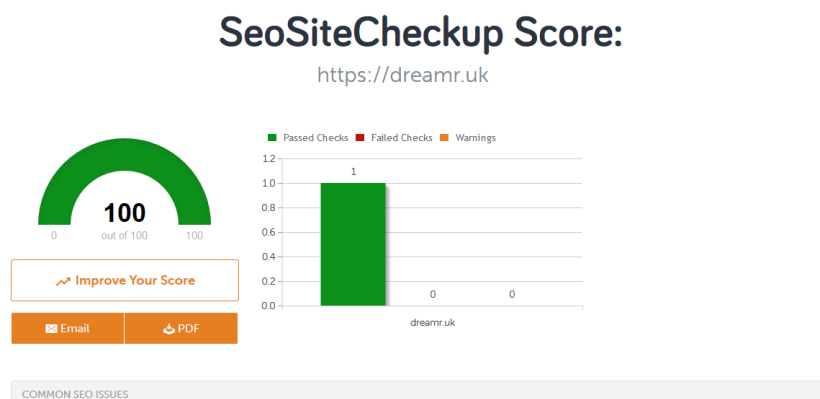


Fig. 3.3.2: Broken linksout of 100

In following is the website load time for a particular website link:

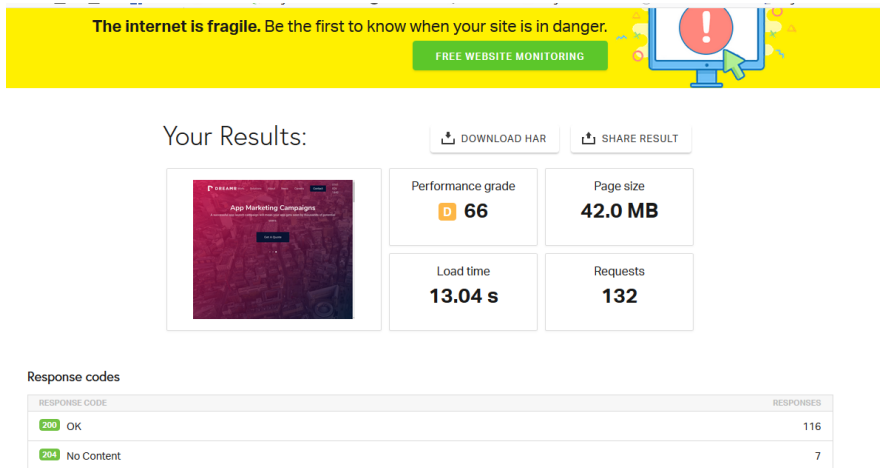


Fig. 3.3.3: website load time with total size of page

In following is the measurement of mobile friendless testing:

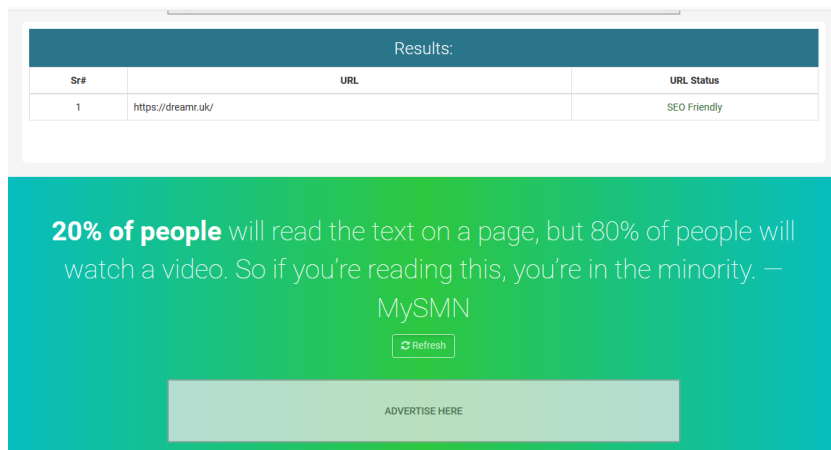


Fig. 3.3.4: Mobile friendless testing

In following is the measurement of a website SEO score:

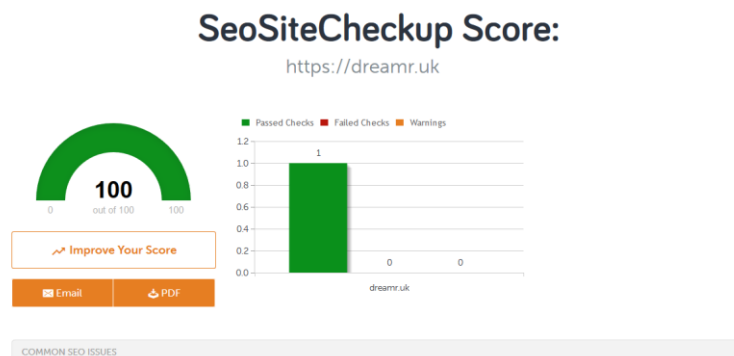


Fig. 3.3.5: website SEO score

In following is the measurement of a google insight score:

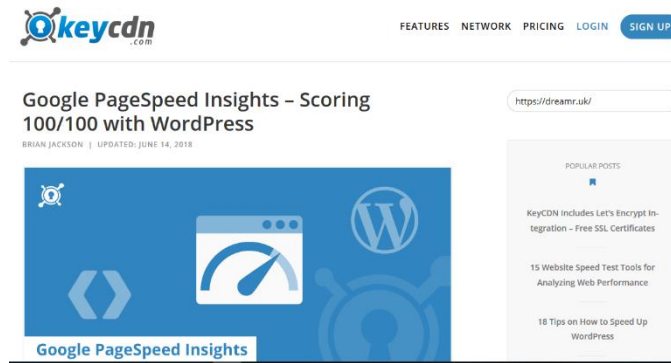


Fig. 3.3.6: Google insight score of a website

In following is the measurement of a google mobile score:

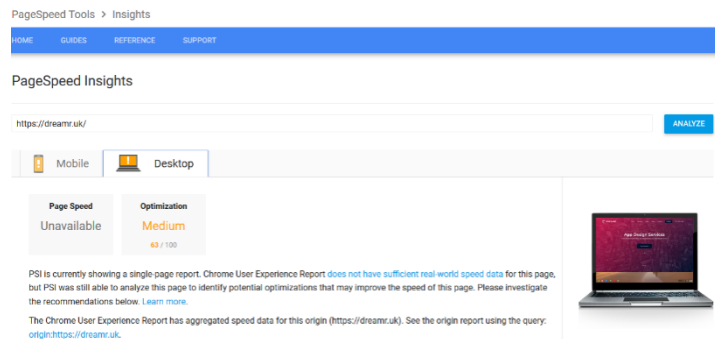


Fig. 3.3.7: Google mobile score of a website

In following is the measurement of a google desktop score:

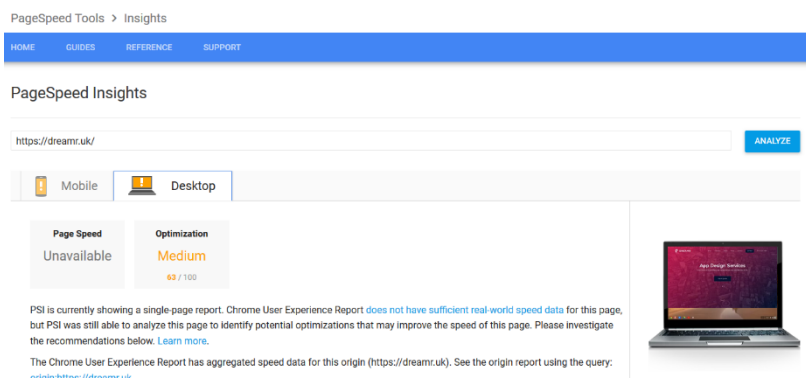


Fig. 3.3.8: Google desktop score of a website

In following is the measurement of a website performance:

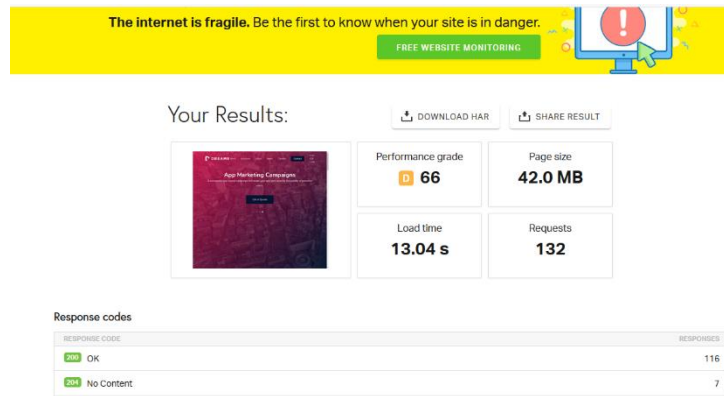


Fig. 3.3.9: website performance with page size

In following is the link with google plus page:

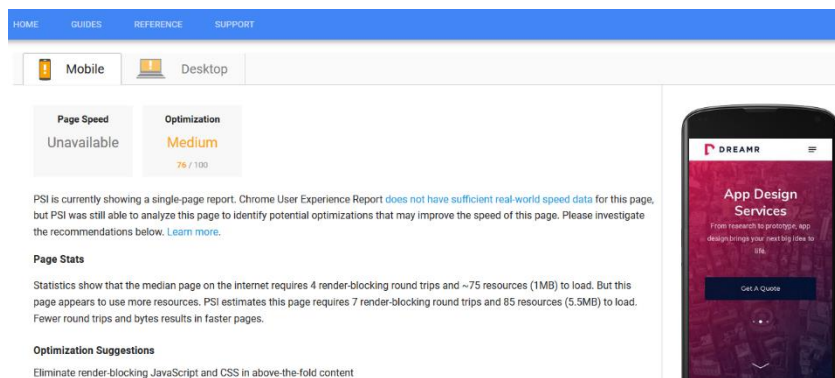


Fig. 3.3.10: Link with google plus page

In following is the measurement of google schema or micro data check:

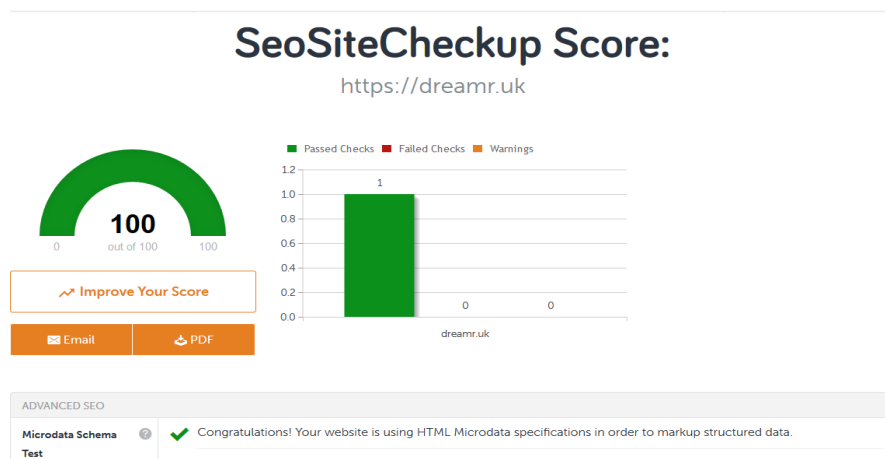


Fig. 3.3.11: Google schema or micro data check

In following is the calculation of google page rank:



Fig. 3.3.12: Google page rank of a website

In following is the google sand box of a website:

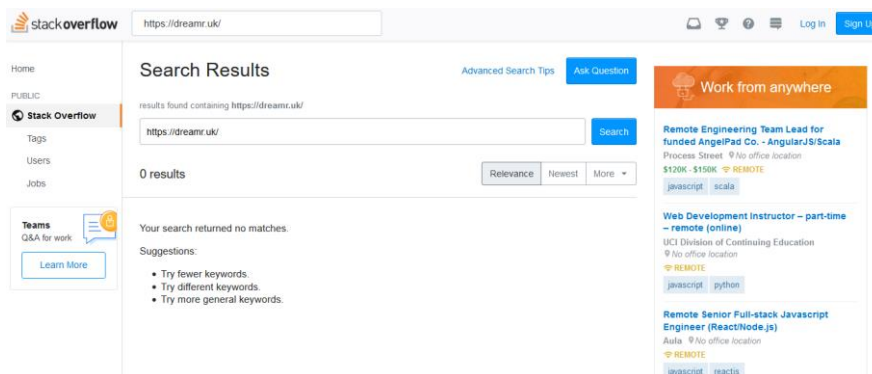


Fig. 3.3.13: Google sand box of a website

In following is the measurement of a website status: [21]

Viewport: width=device-width, initial-scale=1, maximum-scale=1, user-scalable=0	
Meta tags analysis.	
Title:	Webpage has a title. The title is an important factor in the on-site search engine optimization. For best practice make use of your main keyword the title.
Title Length:	Title is smaller than 60 characters (60 characters). The title of your page has a length of 60 characters. Most search engines will truncate titles to 60 characters.
Title Relevancy:	Title relevancy to page content is excellent. The Title relevancy to page content is 100%.
Description:	Webpage has a description. The description is an factor in the on-site search engine optimization. For best practice describe where your webpage is ab in the description.
Description Length:	Description is greater than 80 and smaller than 320 characters (178 characters). The meta description of your page has a length of 178 characters. Most search engines prefer an meta descriptions betwe 80 and 320 characters.
Description Relevancy:	Description relevancy to page content is good. The Description relevancy to page content is 76%.
Keywords:	Webpage has no keywords meta tag. The keywords meta tag is obsolete, and no search engines does use the keywords meta tag in their web ranking nowaday
Robots:	Webpage has no robots meta tag. Spider robots are allowed to index and follow urls from the webpage.
Twitter Card:	Twitter summary card is partial used. The Twitter summary card meta tags is used, but not all the required tags where found. With Twitter Cards, you can attac rich photos, videos and media experience to Tweets that drive traffic to your website.
Google Plus Publisher:	Publisher is not connected to Google Plus. The publisher of the page is not connected to your Google Plus account to define the author of this one.
Open Graph:	Open Graph is used. The Open Graph meta tags is used, and all the required tags where found. The Open Graph protocol enables any webpage become a rich object in a social graph. For instance, this is used on Facebook to allow any webpage to have the same functionality as any other object on Facebook.

Fig. 3.3.14: Meta keyword of a website

In following is the finding robot Meta tag: [21]

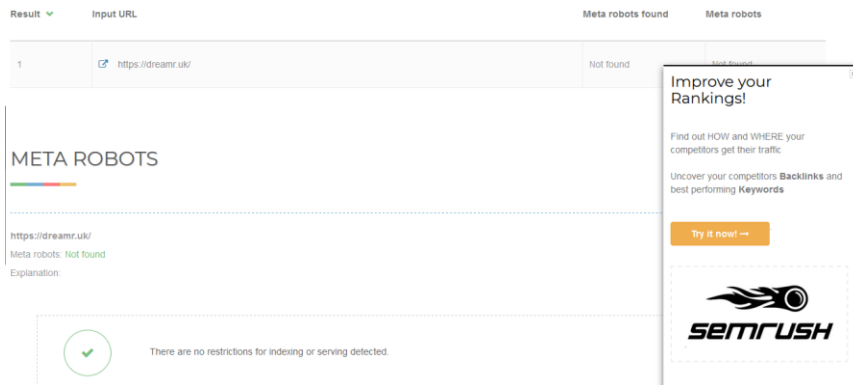


Fig. 3.3.15: Website robot meta tag

In following is the description of Meta data: [21]

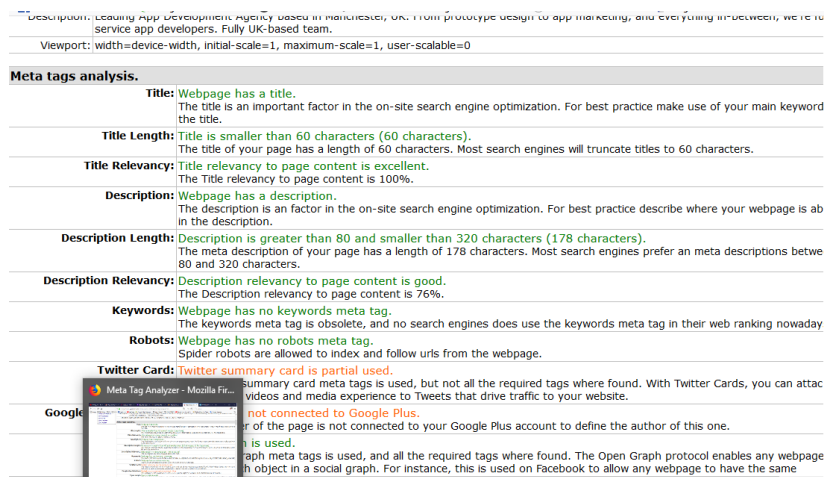


Fig. 3.3.16: Website meta data description

In following is the measurement of google search result:

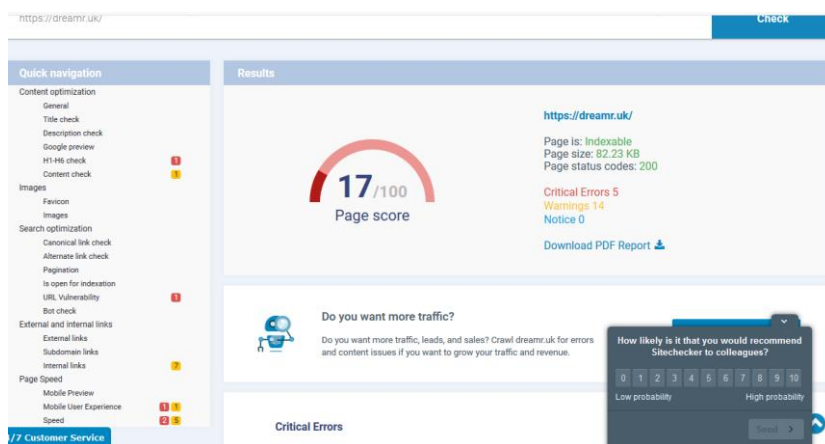


Fig. 3.3.17: Google search result

In following is the measurement of SEO friendly website link:

Overview	General SEO	Speed	Server & Security	Mobile Usability	Advanced SEO
Broken Links Test	✔ Congratulations! We have checked 41 links from your webpage and none is broken.				
SEO Friendly URL Test	✔ Congratulations! All links from your webpage are SEO friendly.				
Image Alt Test	✘ Your webpage contains "img" tags without the required "alt" attribute. See results list HOW TO FIX				
Inline CSS Test	✘ Your webpage is using inline CSS styles! See results list HOW TO FIX				
Deprecated HTML Tags	✔ Congratulations! Your page does not use HTML deprecated tags.				
Google Analytics Test	✔ Congratulations! Your webpage is using Google Analytics.				
Favicon Test	✔ Congratulations! Your website appears to have a favicon.				
Backlinks Checker	Get a full and detailed list of your backlinks!				

Fig. 3.3.18: Calculate SEO friendly

In following is the google analytic test:

Overview	General SEO	Speed	Server & Security	Mobile Usability	Advanced SEO
Google Analytics Test	✔ Congratulations! Your webpage is using Google Analytics.				
Favicon Test	✔ Congratulations! Your website appears to have a favicon.				
Backlinks Checker	Get a full and detailed list of your backlinks! To view your total number of backlinks and referring domains, please sign-up for a free trial! GET IT NOW				
JS Error Checker	✔ Congratulations! There are no severe JavaScript errors on your webpage.				
Social Media Check	✔ Congratulations! Your website is connected successfully with social media using: Facebook Google Plus Twitter				

Analyze and monitor your SEO with our powerful ToolBox
Get everything SeoSiteCheckup already has, plus more powerful tools and faster execution. Try the new features of our supercharged SEO ToolBox using a 14 day free trial account. [Get your free account!](#)

SPEED OPTIMIZATIONS	
HTML Page Size Test	✘ The size of your webpage's HTML is 33.07 Kb , and is greater than the average size of 33 Kb . This can lead to slower

Fig. 3.3.19: Google analytic test measurement

In following is the measurement of a JS errors:

Overview	General SEO	Speed	Server & Security	Mobile Usability	Advanced SEO
Google Analytics Test	✔ Congratulations! Your webpage is using Google Analytics.				
Favicon Test	✔ Congratulations! Your website appears to have a favicon.				
Backlinks Checker	Get a full and detailed list of your backlinks! To view your total number of backlinks and referring domains, please sign-up for a free trial! GET IT NOW				
JS Error Checker	✔ Congratulations! There are no severe JavaScript errors on your webpage.				
Social Media Check	✔ Congratulations! Your website is connected successfully with social media using: Facebook Google Plus Twitter				

Analyze and monitor your SEO with our powerful ToolBox
Get everything SeoSiteCheckup already has, plus more powerful tools and faster execution. Try the new features of our supercharged SEO ToolBox using a 14 day free trial account. [Get your free account!](#)

SPEED OPTIMIZATIONS	
HTML Page Size Test	✘ The size of your webpage's HTML is 33.07 Kb , and is greater than the average size of 33 Kb . This can lead to slower

Fig. 3.3.20: JS errors measurement

In following is the measurement of bad request 503:

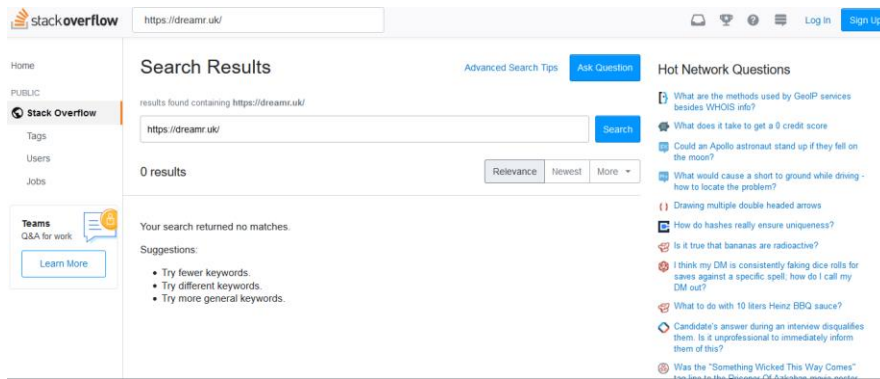


Fig. 3.3.21: Bad request check 503

In following is the social media check:

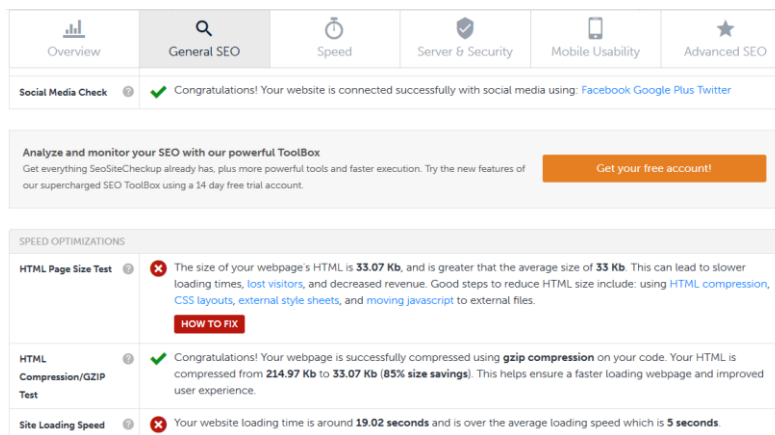


Fig. 3.3.22: Social media check for a website

In following is the measurement of a compression GZIP:

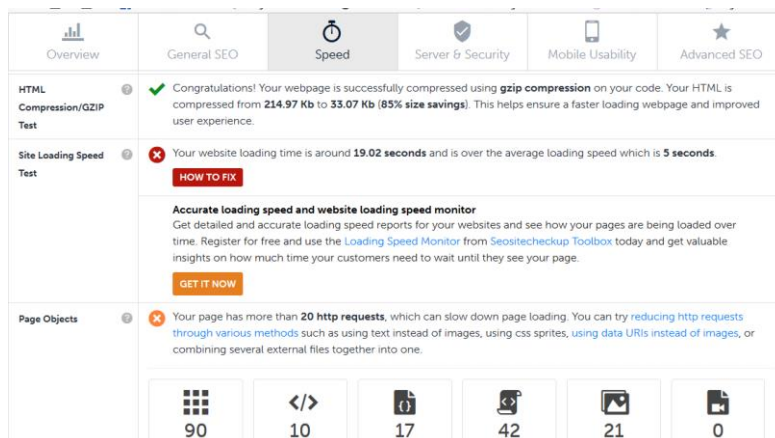


Fig. 3.3.23: Compression of GZIP

In following is the measurement of page cache:

Overview	General SEO	Speed	Server & Security	Mobile Usability	Advanced SEO
Page Cache Test (Server Side Caching)	✓	Congratulations, you have a caching mechanism on your website. Caching helps speed page loading times as well as reduces server load.			
Flash Test	✓	Congratulations! Your website does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.			
Image Caching Test	!	Your site is not using cache headers for all of your images. The cache headers can help speed up the serving of your webpages for users that regularly visit your site and see the same images. Learn more about how to add expires headers to your images . See results list HOW TO FIX			
JavaScript Minification Test	✓	Congratulations! Your website's JavaScript files are minified! See full list of JavaScript files			
CSS Minification Test	✓	Congratulations! Your website's CSS files are minified! See full list of CSS files			
Nested Tables Test	✓	Congratulations, your page does not use nested tables. This speeds up page loading time and optimizes the user			

Fig. 3.3.24: Page cache test

In following is the measurement of image expires tag:

Quick navigation	Images
Content optimization	Found 5 images:
General	
Title check	
Description check	
Google preview	
H1-H6 check	
Content check	
Images	
Favicon	
Images	
Search optimization	
Canonical link check	
Alternate link check	
Pagination	
Is open for indexing	
URL Vulnerability	
Bot check	
External and internal links	
External links	
Subdomain links	
Internal links	
Page Speed	
Mobile Preview	
Mobile User Experience	
Speed	

Preview	Alt attribute	Title attribute	Size
	Dreamr	[empty]	16 KB
	Dreamr	[empty]	16 KB
	Dreamr	[empty]	2 KB
Image error	[empty] Not available image	[empty]	[empty]
Image error	[empty] Not available image	[empty]	[empty]

Fig. 3.3.25: Image expires tag

In following is the measurement of JS minification test:

Overview	General SEO	Speed	Server & Security	Mobile Usability	Advanced SEO
JavaScript Minification Test	✓	Congratulations! Your website's JavaScript files are minified! See full list of JavaScript files			
CSS Minification Test	✓	Congratulations! Your website's CSS files are minified! See full list of CSS files			
Nested Tables Test	✓	Congratulations, your page does not use nested tables. This speeds up page loading time and optimizes the user experience.			
Frameset Test	✓	Congratulations! Your webpage does not use frames.			
Doctype Test	✓	Congratulations! Your website has a doctype declaration: → <!DOCTYPE html>			
URL Redirects Checker	✓	Congratulations! Your URL doesn't have any redirects (which could potentially cause site indexing issues and site loading delays).			
SERVER AND SECURITY					
URL Canonicalization	✓	https://dreamr.uk and https://www.dreamr.uk resolve to the same URL.			

Fig. 3.3.26: JS minification test

In following is the HTML minifier:

Item	Score	Impact	Priority
Minimize request size	B (85)	CONTENT	HIGH
Specify a cache validator	A (90)	SERVER	HIGH
Minify HTML	A (99)	CONTENT	LOW
Specify image dimensions	A (99)	IMAGES	MEDIUM
Enable gzip compression	A (99)	SERVER	HIGH
Specify a character set early	A (99)	CONTENT	MEDIUM
Specify a Vary: Accept-Encoding header	A (94)	SERVER	LOW
Remove query strings from static resources	A (95)	CONTENT	LOW
Avoid bad requests	A (100)	CONTENT	HIGH
Avoid landing page redirects	A (100)	SERVER	HIGH
Enable Keep-Alive	A (100)	SERVER	HIGH
Inline small CSS	A (100)	CSS	HIGH
Inline small JavaScript	A (100)	JS	HIGH
Put CSS in the document head	A (100)	CSS	HIGH
Serve resources from a consistent URL	A (100)	CONTENT	HIGH
Combine images using CSS sprites	A (100)	IMAGES	HIGH
Avoid CSS @import	A (100)	CSS	MEDIUM
Prefer asynchronous resources	A (100)	JS	MEDIUM

Fig. 3.3.27: HTML minifier

In following is the CSS minifier:

Test Name	Result
CSS Minification Test	✔ Congratulations! Your website's CSS files are minified!
Nested Tables Test	✔ Congratulations, your page does not use nested tables. This speeds up page loading time and optimizes the user experience.
Frameset Test	✔ Congratulations! Your webpage does not use frames.
Doctype Test	✔ Congratulations! Your website has a doctype declaration: -> <!DOCTYPE html>
URL Redirects Checker	✔ Congratulations! Your URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).
SERVER AND SECURITY	
URL Canonicalization Test	✔ https://dreamr.uk and https://www.dreamr.uk resolve to the same URL.
HTTPS Test	✔ Your website is successfully using https, a secure communication protocol over the Internet. Note: if your site relies on third-party services, you should ensure they are also using https.

Fig. 3.3.28: CSS minifier

In following is the SPF record checker:

SPF record tool

This page let you test domains for valid SPF records and/or presence in the MailCleaner's trusted SPF list.

Enter domains (1 per line, 5 max) :

https://dreamr.uk/

Click Here to Test

Domain Name	Test result	Valid SPF record (-all or -all)	Listed in MailCleaner
https	domain name is invalid		
!dreamr.uk/	domain name is invalid		

MailCleaner is a business anti spam and viruses filter installed between internet and your mail infrastructure. It offers the best protection against malware and eliminates spam in your mailbox.

Fig. 3.3.29: SPF record check

In following is the measurement of page objects:

Performance Scores

PageSpeed Score: **F (49%)** | YSlow Score: **D (60%)**

Page Details

Fully Loaded Time: 16.4s | Total Page Size: 44.4MB | Requests: 143

RECOMMENDATION	GRADE	TYPE	PRIORITY
Serve scaled images	F (0)	IMAGES	HIGH
Defer parsing of JavaScript	F (0)	JS	HIGH
Leverage browser caching	F (0)	SERVER	HIGH
Optimize images	E (81)	IMAGES	HIGH
Minimize redirects	D (80)	CONTENT	HIGH
Minify JavaScript	D (80)	JS	HIGH
Minify CSS	B (83)	CSS	HIGH

Minify CSS for the following resources to reduce their size by 20.0KIB (8% reduction).
 • Minifying <https://verm12f61d2wbsg29h04e-wpengine.netdna-ssl.com/wp-content/themes/salient/style.css> could save 9.2KIB (9% reduction) after compression. See [optimized version](#).
 • Minifying <https://verm12f61d2wbsg29h04e-wpengine.netdna-ssl.com/wp-content/themes/salient/css/responsive.css> could

What do my scores mean?
 Rules are sorted in order of impact upon score. Optimizing rules at the top of the list can greatly improve your overall score.
 Not every recommendation will apply to your page. The recommendations are meant to be generic, best practices; some things will be out of your control (eg. external resources) or may not apply to your page.
[Learn more about PageSpeed/YSlow scores and how they affect performance.](#)

Fig. 3.3.30: Page object check

In following is the measurement of a website grade:

URL: Test from:

The internet is fragile. Be the first to know when your site is in danger.

Your Results:

	Performance grade	Page size
	D 67	42.0 MB
	Load time	Requests
	9.34 s	129

Fig. 3.3.31: Calculate a website grade

In following is the measurement of a website status:

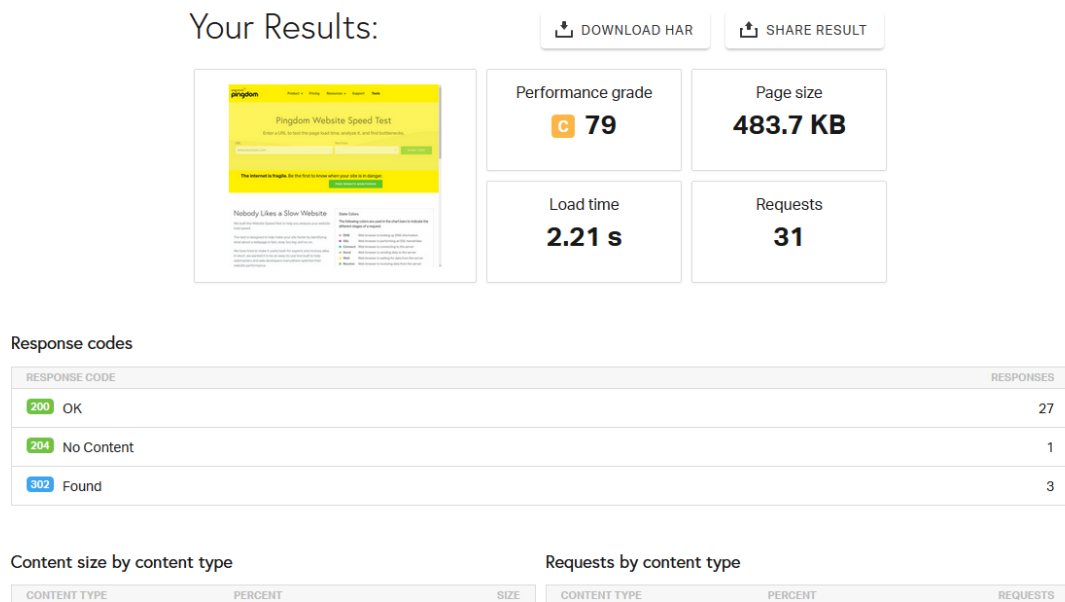


Fig. 3.3.32: Calculate a company grade

3.3.2 Example of website testing

Testing result of << http://dreamr.uk>>

- Website Status-Yes
- Broken links-43
- Website load time-13.04 s
- Website platform details -
- Mobile Friendliness Testing:80%
- Website SEO score– 100
- Google insight score- 100
- Google mobile score- 76
- Google desktop score-63
- Website performance-66
- Google Plus page: Yes
- Google schema or microdata check:100
- Google page rank: 10
- Google sandbox: no
- Meta Keyword: no
- Webpage has no robots Meta tag.

- Meta Description: The description is a factor in the on-site search engine optimization. For best practice describe where your webpage is about in the description.
- Google Search Results Preview: schematized
- SEO Friendly URL Test: yes
- Google Analytics Test: yes
- JS Error Checker: no
- Bad requests 503:no
- Social Media Check: yes
- Compression/GZIP: yes
- Page Cache Test: yes
- Image Expires Tag: yes
- JS minification: yes
- HTML minifier: yes
- CSS minified: yes
- SPF records checker: yes
- Disallow Directive Checker: yes
- No follow Checker: no
- Canonical Tag Checker: yes
- Media Query Responsive Test: yes
- Mobile screenshot:
- Page Objects:143
- Site loading speeds in seconds:5
- Favicon check: yes
- Website Grade - Performance:67
- Company Grade:79

3.4 Challenges

After learning to my internship experience for four months I have found there are some challenges of during internship: [4]

- **Sometime has no works**

During workless time it was very boring.

- **Sometime huge amount of works**

It was very wonderful opportunity because huge amount of works can make me more efficient.

- **The work completion**

There is huge amount of difference between working in a group and client, working in a university and a company. In university time I can expand my time into laziness but into company I can't do that.

- **Afraid of asking questions**

It is one of the important things during internship because it can interrupt a great time.

CHAPTER 4

Competencies and Smart Plan

4.1 Competencies Earned

Competencies Earned or learning outcome is a partial report that mentioned what the expected demand of learner known, understand or be able to do as a result of a learning process. To make a website quality-full, find out which area of website is very weak point to users and make an interactive solution to overcome it. Also gives services to user panel who will to make his own website errors free. That was the expected criteria that a learner need to know.

4.2 Smart Plan

A company can get a big opportunity when it has a smart plan or mission, because a vision only possible by smart plans and mission. [8]

4.3 Reflections

It is most important thing that company has a smart plan and mission. It makes a company cheerful to achieve the goal. Just like that Daffodil Computer Limited was also mission and pre plans that's why it could make to placed it position in a top position. Since many years ago, trying of this company gives the opportunities in present.

CHAPTER 5

Conclusion and Future Career

5.1 Discussion and Conclusion

I have gained practical knowledge about several testing that will help in future to get an opportunity. I have also learned work with under pressure and time management. When I have faced any problem of testing then I can solve it myself or by YouTube and Google. By using of YouTube and Google for collecting different solution make me more efficient, I think this internship was very wonderful experience and it will help me in my future life.

5.2 Scope for Further Career

- Functional Testing
- Regression Testing
- UX Testing
- Compatibility Testing
- Integration Testing
- System Testing
- GUI Testing
- Performance Testing
- Website & Web Application Testing
- Penetration Testing
- Test Documentation
- Test Management
- QA Consultancy
- Quality Assurance, etc.

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Appendices

➤ **Appendix A: Internship Reflection**

The purpose of my internship was gained a practical knowledge about testing manner and gather some behavior as like as a good leader. I have gained to learn how can I make a business organization / company and how can I manage it. I also gained how can I manage and motivate employees and importance of time management. Time management is more important to grow career in future life. This internship gave me some facilities like participate conferences to take a profession knowledge. I hope that I can use my knowledge as a leader.

➤ **Appendix B: Company Detail**



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