



Internship Report for HTML and CSS

Introduction To Project Management Software (Massasoit Community College)

REPORT ON WEBSITE DESIGNING

*An Internship-I Report
Submitted in partial fulfilment of the requirement
For the degree of*

**Bachelor of Technology
In
Computer Science and Engineering**

July-December 2020

Submitted by:

Insiya Badshah

[0704CS191061]



Department of Computer Science and Engineering

**Mahakal Institute of Technology, Ujjain
Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya,
Bhopal**

CERTIFICATE

RECOMMENDATION

The Internship work entitled “**Report on Web Designing**” submitted by Insiya Badshah is recommended towards partial fulfilment for the award of the **Bachelor of Technology in Computer Science and Engineering** from Mahakal Institute of Technology, Ujjain by Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal.

Internship Coordinator Head

Prof. Priyanka Garg

Department of Computer Science and Engineering

Date:

Mahakal Institute of Technology, Ujjain

Declaration

I Insiya Badshah hereby declare that I have undertaken 4 weeks internship work at “**Universal Informatics**” during a period from *20 May, 2020* to *20 June, 2020* in partial fulfilment for the award of the **Bachelor of Technology in Computer Science and Engineering** from Mahakal Institute of Technology, Ujjain by Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal. The work which is being presented in the internship report submitted to Department of Computer Science and Engineering from Mahakal Institute of Technology, Ujjain is an authentic record of training work.

Date:

Insiya Badshah

[0704CS191061]

Acknowledgement

The successful completion of this internship report would not have been possible without the support and assistance of many individuals and organizations. I feel immensely blessed to have gotten this during the course of my internship program. I would like to take this opportunity to offer my earnest admiration to each and every one of them.

I express my sentiment of gratitude to **Mr. Kuldeep sir**, who has been a continuous source of inspiration as my intern trainer. Without his constant guidance and suggestions, this report would have been nowhere near completion. My gratitude for his trust and generosity goes beyond words. I am indebted and thankful to my learned and revered **Prof. Vishwas Dixit, Head of Department of Computer science and Engineering, Mahakal Institute of Technology, Ujjain (M.P)**, for his encouraging support and providing a meticulous platform to learn.

I owe my deepest gratitude to internship coordinator **Prof. Priyanka Garg** for her upbeat personality, kindness, encouraging support and willingness to help, have tangibly and greatly improve the quality of my internship report and brought up to its present status.

Thanks to my classmates who helped me directly or indirectly to accomplish my work. Finally, I thank all my teachers, who were the people, who prepared us for this endeavour. I owe you all my success.

About Institute

Universal Informatics was launched in the year 1994 as a franchisee of Tata Unisys Ltd. Education Centre (TULEC), soon it became the premiere computer training centre of Madhya Pradesh. Through the 23 years of its journey it has crossed several milestones. It partnered with all subsequent activities of Tata InfoTech Ltd. Till Tata withdrew itself from computer education business. Endowed with the tradition of Tata, Universal started its own curriculum and successfully trained more than 5000 students after that and more than 50000 in the total tenure. The profile of our students varies from Science graduates, Postgraduates, Engineering students, MCA students & working professionals. Our course is very much popular among engineering students. We are partner of Pearson VUE Testing and Oracle workforce Development. They are ISO 9001:2008 certified company. All kind of International certification exams are executed at our place.

At **MIT Group of Institutes Ujjain, Universal Informatics Ujjain** branch is successfully conducting summer internship from last 2 years with the best quality. We train t students/interns on latest tools and technologies currently required in IT Industry. The **Trainers & Developers** that they recruit are highly skilled & experienced and have few years of Industry Experience as well.

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Abstract

Website Design and learning HTML were the main objective of this internship. To develop a web based application there are several programming languages that are in use. Some of them are only used for the frontend and backend design of the software. For example, HTML3, HTML4, HTML5, CSS, Bootstrap, JavaScript etc. There are also some other programming languages that are used to develop the dynamic functions of the software or application. For example- PHP, Java etc. Nowadays there are also some frameworks that use vastly. Frameworks are basically structured programming by using Model, View and Controller. It is also called as MVC. If we develop web based application that is very useful for us because we can access it from anywhere in the world. It is very helpful for our daily life. That is why I choose subject of my report as “WEB DESIGN”. Training in Universal Informatics added huge experiences in my upcoming career. Solving real life problems was another key issue. This report takes us through all the details of WEBSITE DESIGN knowledge and experience gathered during this internship period.

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1 INTRODUCTION

1.1 Introduction

As a full-time student at MIT group of Institutes, I was provided an opportunity to undertake an internship at Universal Informatics. The degree towards I am currently studying is a Bachelor of Engineering in Computer Science and Technology. The course at UI was quite challenging for me for a few reasons: Firstly, the programming languages and development tools I was using were new for me, hence I had to quickly integrate not only with my new living environment but also academically. This was very beneficial for me as at the end I could compare what I've learnt with what I already knew and find a connection between the two.

This report is a description of my 4 weeks internship carried out as a compulsory component of the course at UI. In the following chapter details of tools and technology used and an overview is given. Afterwards, I explain my role and tasks as a trainee and give specific technical details about my main tasks. Finally, a conclusion is drawn from the experience.

1.2 Objective

The objective of the web design is to handle the entire design of a website. The software keeps track of all the information about the entire website. The system contains database where all the information will be stored safely.

1.2.1 To gain skills and knowledge

This internship provided us essential skills and knowledge one requires in the field of web designing. The crucial tools used during the tenure helped us in gaining knowledge about programming languages.

1.2.2 To get field work experience

By taking this training we enhanced our knowledge in Web designing and got insight in how the websites are designed using HTML and CSS.

1.2.3 To enhance our communication skills

By interacting with my trainee and classmates I got to learn a lot. It helped me to enhance my communicative skills and represent my work with confidence. It boosted my confidence to design more webpages and create some great designs just for fun.

1.2.4 To link theory with practice

First we learned the theory aspect and then we put that into practice. By doing the practical work, our concept got clearer and it was easy to code into HTML once we got familiar with it. By putting our theoretical knowledge into practical, coding became more fun.

1.2.5 To build a network

By learning how to code in HTML and CSS it is easy to build and design our own websites with all the changes we want. We also got to know about how websites are designed initially and the logic behind that.

1.3 Tools and Technology Used

Various tools and technology were used during our internship training.

Some of them are listed below:

1. HTML5

HTML stands for Hyper Text Mark-up Language. It is used to design web pages using mark-up language. HTML is the combination of Hypertext and Mark-up language. Hypertext defines the link between the web pages. Mark-up language is used to define the text document within tag which defines the structure of web pages. HTML5 is the fifth and current version of HTML. It has improved the mark-up available for documents and has introduced application programming interfaces (API) and Document Object Model (DOM).

Below example illustrate the HTML5 content:

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>
<h1>This is a Heading</h1>
<p> This is a paragraph. </p>
</body>
</html>
```

This is a Heading

This is a paragraph.

Output of the above program

2. CSS3

Cascading Style Sheets, fondly referred to as CSS, is a simply designed language intended to simplify the process of making web pages presentable. CSS allows you to apply styles to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page.

There are three types of CSS which are given below:

- Inline CSS
- Internal or Embedded CSS
- External CSS

Below example illustrate the CSS3 content:

```
<!DOCTYPE html>
<html>
<head>
<title> HTML 5 Demo</title>
<style>
.intern {
font-size:40px;
font-weight:bold;
color:green;
}
body {
text-align:center;
}
</style>
</head>
<body>
<div class = "intern">Hello World!</div>
<aside>
<div>This is Insiya Badshah</div>
</aside>
</body>
</html>
```


Hello World!

This is Insiya Badshah

Output of the above program

3. JavaScript

JavaScript is a lightweight, cross-platform and interpreted scripting language. It is well-known for the development of web pages, many non-browser environments also use it. JavaScript can be used for **Client-side** developments as well as **Server-side** developments.

Features of JavaScript:

- According to a recent survey conducted by **Stack Overflow**, JavaScript is the most popular language on earth.
With advances in browser technology and JavaScript having moved into the server with Node.js and other frameworks, JavaScript is capable of so much more.
- Functions in JS are objects. They may have properties and methods just like another object. They can be passed as arguments in other functions.
- Can handle date and time.
- Performs Form Validation although the forms are created using HTML.
- No compiler needed.

4. Sublime text

Artfully run by a one-man development team, the secret to sublime's success lies in the program's vast array of keyboard shortcuts - such as the ability to perform simultaneous editing (making the same interactive changes to multiple selected areas) as well as quick navigation to files, symbols, and lines. And when you're spending 8+ hours with your editor each day, those precious few seconds saved for each process really do add up.



Fig.1.3.1 Sublime Text Editor

5. JQuery

JavaScript has long been considered an essential front-end language by developers, although it's not without its problems: riddled with browser inconsistencies, its somewhat complicated and unapproachable syntax meant that functionality often suffered.

That was until 2006, when jQuery – a fast, small, cross-platform JavaScript library aimed at simplifying the front-end process – appeared on the scene. By abstracting a lot of the functionality usually left for developers to solve on their own, jQuery allowed greater

scope for creating animations, adding plug-ins, or even just navigating documents.

And it's clearly successful – jQuery was by far the most popular JavaScript library in existence in 2015, with installation on 65% of the top 10 million highest-trafficked sites on the web.

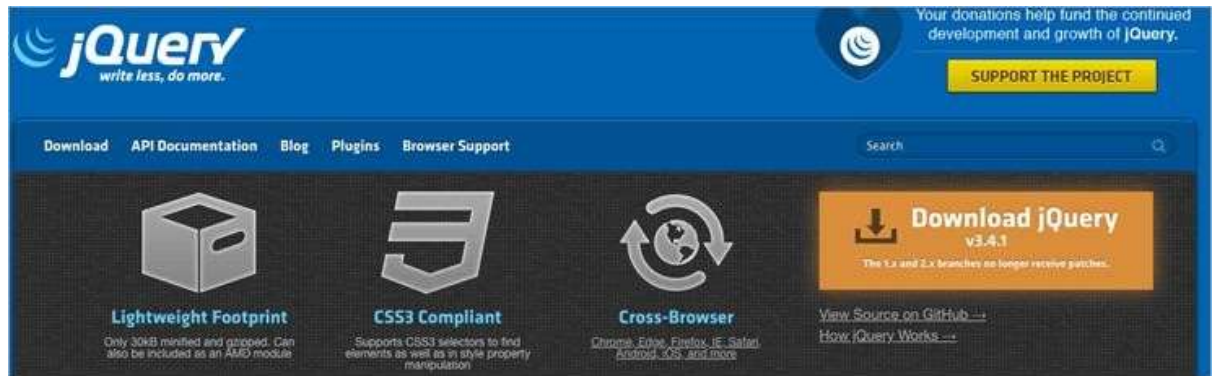


Fig 1.3.2 JQuery

2 Training work undertaken

2.1 Training Attended

According to RGPV University, the III Semester of B.Tech CS must involve an internship program. The students require at least 2 weeks of internship program for attaining a successful career in the related fields. There are more attendant and requirement is need to build a project. We know that, we can mix all languages like C++, C, HTML, PHP, JavaScript and more. The web server combines the results of the interpreted and executed HTML code, which maybe any type of data, including images, with the generated web page. The training that I attended In Universal Informatics included:

- ✓ HTML5
- ✓ CSS
- ✓ Bootstrap
- ✓ JavaScript
- ✓ Ajax
- ✓ JQuery

2.2 Roles and Responsibility

As an intern my responsibilities at Universal Informatics Pvt Ltd. was to cover all aspects of creating web

application to become a web developer. For this required core knowledge about designing tools like HTML, CSS, Bootstrap, JavaScript, etc. and backend scripting language like PHP. The main responsibility was to ensure that the web application designed must appeal to the desired target audience and, as a result, catches their attention and also include a working knowledge of different web browsers. While learning about web development I also gained knowledge about front end designing. During my internship period I mostly worked with designing “Training Management System” web application as well as other mini projects too.

2.3 Work environment

Front end Developer generally works at client side dealing with the web page design, graphics that is accessible to the user.

Back end Developer is a person who is responsible for the back end development that interacts with the server. This type of web developer specializes in the languages like PHP, Ruby, ASP.Net, Java and Perl.

The job profiles for the web developer includes:

- Front end web developer.
- Back end Web Developer.
- Web Application Developer.
- Design and Layout Analyst

- Senior web Analyst.
- Web Marketing Analyst.

3 Result and Discussion

3.1 Discussion

During entire training session we discussed about how to analysis the project and how to work on it as per the requirement of client. The projects done during the internship are based on the tags of programming language HTML & CSS.

3.2 Learning Outcome

3.2.1 HTML

- **Basic Concept** (WWW & HTTP, client server communication)
- **Basic HTML** (tags, element, attributes, paragraphs, headings, line breaks, lists, table, color codes, font, text linking, email, images, background, comments, media, charset)
- **HTML Forms** (input, text fields, password, checkbox, combo-box, radio box, text areas, files, buttons)
- **HTML5** features

3.2.2 CSS

- **Basic CSS** (selector, internal, external, inline, class, id, background, font, text, padding, margin, border, list CSS, hovering and elements)
- **Advance CSS** (border-radius, opacity, cursor, layers, position, display, float, gradient and multiple-column)
- **Concept of Menu** (single menu, drop-down menu)
- Template design using CSS div.

3.2.3 Bootstrap

- Grid System
- Typography
- Tables, forms, buttons, images
- Dropdown, button group
- Navigation element
- Bootstrap plug-ins (Transition, Modal, Dropdown, Tab, tooltip, Alert, Button)

3.2.4 JavaScript

- Basic JavaScript (syntax, enable, location, operators, variables, events, alert, confirm, prompt, POP up, date, print)
- JavaScript string (strings, length, split, search, replace)

3.3 Result

Following are the screenshots of the result of the projects done during the internship period.

Project-1

By- Insiya Badshah

Time Table				
Days	1	2	L U N C H	3
Monday	English	Social Science		Sanskrit
Wednesday	Maths	G.K.		English
Friday	Science	Hindi		Computer

Fig 3.1 Time table using HTML

Project-2

Developers List			
S.No	Developer Name	Language	Year
1	Berners Lee	HTML	1991
2	Hakon Wium Lie	CSS	December 17, 1996
3	Brendan Eich	JavaScript	May 1995
4	Rasmus Lerdorf	PHP	1994
5	Dennis Ritchie	C-Language	1972
6	James Gosling	JAVA	1995

By- Insiya Badshah

Fig 3.2 Table list using HTML

Project-3

By: Insiya Badshah

Image 1



Image 2



Image 3



Fig 3.3 Click on Button using HTML and CSS

Project-4

Website layout



By: Insiya Badshah

Fig 3.4 Website Layout

Project-5

By- Insiya Badshah

The Periodic Table																	
1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	57 La	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	89 Ac	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114	115 Mc	116 Lv	117 Ts	118 Og
			58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
			90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	

Fig 3.5 Periodic Table using HTML and CSS

4 CONCLUSION AND FUTURE SCOPE

4.1 Conclusion

In conclusion, I can say that this internship was a great experience. Thanks to this project, I acquired deeper knowledge concerning my technical skills, but I also personally benefited. Currently HTML is a common part of web applications, and it is one of the most popular language for web designing used by professionals worldwide. If we surf internet, we can see millions of websites designed with HTML and CSS. I learned to live in a different environment from the one I am used to. Indeed, I grew more independent in work and also in everyday life. I realized that I could do more things than I thought, like learning new things by myself.

There are huge opportunities available for the students who want to work in this field. Many private and public organizations hire web designer for their online work and website development. With the rapid advent of online industry, the demand of web development professionals is increasing, and this has created a huge job opportunity for the aspirants in the upcoming days.

Also, an experienced person in this field can also work as a freelancer; there are many online companies which provide online projects to the individuals.

4.2 Future Scope

If someone has no experience in this field, finding work can be a real challenge. A successful internship can help an individual turn an experience into a career opportunity. So as a successful internship some future scopes are:

- To work in IT company.
- Can work as a Software Engineer.
- Can work as a Web Designer.
- Can work as a Web Developer.
- Can work as a QA Tester.

References

-<http://www.w3schools.com>
-<http://www.wikipedia.com>
-<http://www.w3.org/standards/semanticweb/>
-<http://developer.mozilla.org/en/docs>
-<http://sioc-project.org/ontology>
-<http://janastu.org>

APPENDIX

Daily Diary

DAILY DIARY

Name of the Trainee: Insija Badshah College: M.I.T
Industry / Work Place: Universal Informatics Day No.: 1 Week No. 1
Department / Section: CS-1 Date: 20/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- * Introduction to World Wide Web.
- * Introduction to HTML.
 - Hyper Text Markup language
 - HTML VS HTML5
- * Advantages of HTML5 VS HTML for web developers.
- * Tags in HTML.
 - <h1> ⇒ Heading Tag
 - h₁, h₂, h₃, h₄, h₅ and h₆ are the available heading tags in HTML.
- * Heading makes only the font difference. H₁ is the biggest and h₆ is the smallest.

DAILY DIARY

Name of the Trainee: Insija Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 2 Week No. 1
Department / Section: CS-1 Date: 21/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

HTML Tags :

⇒ Kind of tags:

1] Paired

2] Unpaired

html

head

body

title

Paired Tag

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title> day 2 </title>
```

```
</head> <body>
```

```
</body>
```

```
</html>
```

* `
` Inserts a single line break.

* `<hr>` horizontal row / line.

⇒ Learned how to use all the alone tags in various different examples.

`<sub>` learnt about superscript `<sup>` and subscript tags with examples.

* Formatting Tags.

DAILY DIARY

Name of the Trainee: Insiya Badshah College: MIT

Industry / Work Place: Universal Informatics Day No.: 3 Week No. 1

Department / Section: CS-1 Date: 22/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

⇒ HTML Tags

⇒ list in HTML

`` ⇒ list items

`` unordered list

`` ordered list

⇒ HTML attributes

⇒ Attributes define additional properties of element such as : width, height.

name = "value".

bgsolo = "blue".

`<tagname attribute name = "value"> content </tagname>`

⇒ Table Tags

`<tr>`

`<td>` = table data

`<th>` = table heading

⇒ form and Input

DAILY DIARY

Name of the Trainee: Arshiya Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 4 Week No. 1
Department / Section: CS-1 Date: 26/09/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- * HTML form input tag
- * select tag
- * anchor tag in HTML.
- * Introduction to CSS
- * Use of inline CSS in HTML.

<video / audio> tags

<audio>

<source>

<track>

<video>

⇒ Also made login form and registration form

DAILY DIARY

Name of the Trainee: Insiga Babshah College: MIT

Industry / Work Place: Universal Informatics Day No.: 5 Week No. 1

Department / Section: CS-1 Date: 27/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- ⇒ Introduction to internal CSS working with more properties.
- Discussed about internal CSS selectors.
- Created a attractive login page.
- Using attributes of CSS.
- Various position values for CSS.
 - * fixed position
 - * Relative position
 - * Absolute position
 - * Sticky position
- Discussed all the alone tags with example of each for clarification.
- Learned how and where to use this.

DAILY DIARY

Name of the Trainee: Insiga Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 6 Week No. 1
Department / Section: CS-1 Date: 28/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

* Introduction to external CSS.

worked with more properties

→ created an attractive navbar.

→ `<nav>` `</nav>`

`<style>` Tag

used background colour : green;

overflow : auto;

float : left; → shifts the content to left side.

color : white; → color of the text changes.

• margin : The space of the element from the current element.

• Types of margin : Top, bottom, left, right

Margin and padding are similar to understand.

DAILY DIARY

Name of the Trainee: Insia Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 7 Week No. 1
Department / Section: CS-1 Date: 29/5/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

* Introduction to Bootstrap 4



uses predefined classes.

• Classes of Bootstrap 4 used today :

- btn and its different types
- you can even mix classes.

Difference b/w fluid and container fluid.

⇒ learned how to transform and use things in CSS.

• iter → continuous transformation

DAILY DIARY

Name of the Trainee: Imiya Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 8 Week No. 2
Department / Section: CS-1 Date: 1/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

Bootstrap 4

- div
- forms
- responsive view
- login page

Discussed all these points with example.

- created responsive login page
- created responsive registration form.
- gallery view
- tables

To give margin and padding in bootstraps, we have predefined class.

- 1 class table
- 2 class image
- 3 class row
- 4 col class.

DAILY DIARY

Name of the Trainee: Gusniy Baidah College: MIT
Industry / Work Place: Universal Informatics Day No.: 3 Week No. 2
Department / Section: CS-1 Date: 2/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

Bootstrap 4 navigation bar

- ↳ Discussed Bootstrap 4 navbar classes.
- ↳ Responsive navbar.

→ Introduction to JavaScript

Types of JS:

- 1) Inline JS
- 2) Internal JS
- 3) External JS

• DOM → Document Object Model

Objects used in JS.

Window Vs document object.

DAILY DIARY

Name of the Trainee: Insiya Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 10 Week No. 2
Department / Section: CS-1 Date: 3/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

External JavaScript

Various functions like:

- 1) `setInterval()`
- 2) `setTimeout()`
- 3) `clearInterval()`
- 4) `split()`
- 5) `reverse()`
- 6) `join()`
- 7) fetching form data before query string.

⇒ Introduction to JQuery

- Use of JQuery
- Syntax for writing JQuery
- Selectors in JQuery.

DAILY DIARY

Name of the Trainee: Insiya Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 11 Week No. 2
Department / Section: CS-1 Date: 8/06/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- ⇒ JQuery Syntax
- hide
- show
- slide up
- slide down
- fadeIn
- fade Out
- toggle
- slide toggle
- fade toggle
- CSS methods in JQuery with example.
- ⇒ JQuery is a framework of Javascript.
- ⇒ for accessing it, we use cdn.
- Download JQuery cdn → download the uncompressed
- Development JQuery → ctrl + S

DAILY DIARY

Name of the Trainee: Insiya Baidshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 12 Week No. 2
Department / Section: CS-1 Date: 9/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- Topics studied Today
- JQuery Text
- html
- val
- add class
- remove class
- ⇒ toggle class functions
- Design of webpage using the bootstrap navbar, card and carousel.
- Use of JQuery function to change interval for carousel.
- JQuery append.
- JQuery Prepend.
- JQuery after, before and remove elements.

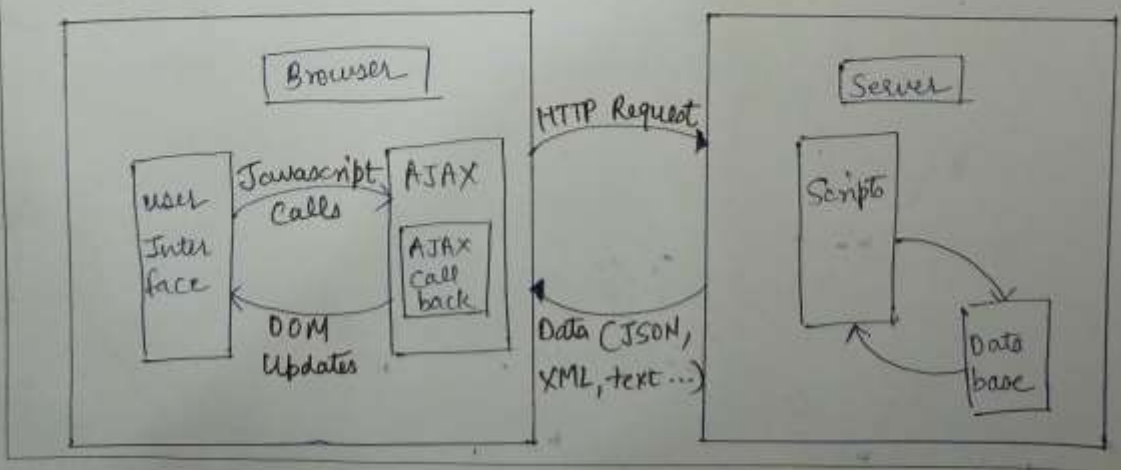
DAILY DIARY

Name of the Trainee: Insiya Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 13 Week No. 2
Department / Section: CS-1 Date: 12/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

⇒ Bootstrap Cards

- Image View
- Updating the webpage we created before.
- Javascript based Topic → AJAX
- asynchronous javascript with XML.
- AJAX
 - line search in Google.
- using Ajax
- ready states and status
- XML http Request object



DAILY DIARY

Name of the Trainee: Insiga Badshah College: MIT
Industry / Work Place: Universal Informatics Day No.: 14 Week No.: 2
Department / Section: CS-1 Date: 16/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

Javascript Expression for phone number.

- pin code
- ATM pin
- Email
- Password validation

Brackets are used to find a range of characters.

- Regular Expression patterns

[1..1, ^, \w+, [1-], ?, \w+]

repeat → repeats the things

autofill → fills it automatically.

DAILY DIARY

Name of the Trainee: Insip Baidshah College: MIT

Industry / Work Place: Universal Informatics Day No.: 15 Week No. 3

Department / Section: CS-1 Date: 18/6/2020

Brief of observations made, work done, problem/project undertaken, discussion held, literature-consulted, places visit etc.

- Creating templates

- using bootstrap

- using HTML

- Using CSS

- Using JS

- Using JQuery

Made a few programs for better understanding and revised the concepts.

Then we winded up all the concepts.