**Weekly Diary**

**For**

**Industrial Training**

**At**

**Augmentix Pvt Ltd**

From 03/06/2024 To 13/07/2024

**Name of Supervisor:** Mrs. A. S. Patil

**Designation of Supervisor:** Lecturer

**Name of Student:** Janhavi Patankar **Enrollment No.:** 220400374

**Branch of Engineering:** Computer Technology

**Name of Polytechnic:** Sou. Venutai Chavan Polytechnic, Pune

**Week 1: From** 03/06/2024 **To** 08/06/2024

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| **Day** | **Activities Carried Out** |
| 1 | Topics covered:   1. VS code installation and extensions 2. Basics of HTML 3. Attributes 4. Tags |
| 2 | Topics covered:   * 1. Tables   2. Form   3. Linking Tags   4. Sample Portfolio Project |
| 3 | Topics covered:   1. Basic Syntax of CSS 2. Style 3. Color & Text property 4. Selectors and units |
| 4 | Topics covered:   1. Box model  * Height and width * Border and margin * Padding |
| 5 | Topics covered:   1. Em & Rem 2. Position, Z index 3. Background Image and Size |
| 6 | Topics covered:   1. Display Property 2. Visibility and alpha channel |

**Summary**

In the first week of Industrial Training the following topics were covered:

1. VS Code and HTML Basics
   1. Installed VS Code and explored useful extensions.
   2. Covered basics of HTML, including attributes and tags.
2. HTML Advanced Topics
3. Learned about tables, forms, and linking tags.
4. Worked on a sample portfolio project.
5. CSS Basics
6. Studied basic CSS syntax and style application.
7. Explored color and text properties, as well as selectors and units.
8. CSS Box Model
9. Discussed the box model, including height, width, border, margin, and padding.
10. CSS Units and Positioning
11. Covered Em & Rem units.
12. Learned about positioning, Z-index, background images, and sizing.
13. Display and Visibility in CSS
14. Examined display properties, visibility, and the alpha channel.

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**Week 2: From** 10/06/2024 **To** 15/06/2024

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| **Day** | **Activities Carried Out** |
| 1 | Topics covered:   1. FlexBox 2. Model 3. Direction 4. properties 5. Media Queries |
| 2 | Topics covered:   1. Transitions 2. CSS transform 3. Animation 4. Properties 5. Shorthand 6. % in animation |
| 3 | Topics covered:   1. We searched topics of individual project |
| 4 | Topics covered:   1. We created HTML & CSS code for out project |
| 5 | Topics covered:   1. We added and simultaneously learned JS to make our projects attractive |
| 6 | Topics covered:   1. We submitted and presented out individual projects |

**Summary**

In the second week of Industrial Training the following topics were covered:

1. FlexBox and Media Queries
2. Covered FlexBox concepts, including model, direction, and properties.
3. Learned about media queries for responsive design.
4. Transitions, Transforms, and Animations
5. Studied CSS transitions and transforms.
6. Explored animations, including properties, shorthand, and percentages in animation.
7. Individual Project Research
8. Conducted research on topics for individual projects.
9. Project Development: HTML & CSS
10. Created HTML and CSS code for individual projects.
11. Enhancing Projects with JavaScript
12. Added JavaScript to projects, learning how to make them interactive and attractive.
13. Project Submission and Presentation
14. Submitted and presented individual projects.

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**Week 3: From** 17/06/2024 **To** 22/06/2024

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| **Day** | **Activities Carried Out** |
| 1 | EID HOLIDAY |
| 2 | 1. Searched and discussed requirements for our group project |
| 3 | 1. Finalized and started creating the Homepage of the project |
| 4 | 1. Checked the Homepage with the client 2. Made another pages. |
| 5 | 1. Checked its responsiveness 2. Checked if its working 3. Talked out the changes with the client |
| 6 | 1. Presented our project |

**Summary**

In the third week of Industrial Training the following topics were covered

1. Eid Holiday
2. Group Project Requirements
3. Searched for and discussed the requirements for the group project.
4. Project Development: Homepage
5. Finalized and started creating the project's homepage.
6. Client Feedback and Additional Pages
7. Reviewed the homepage with the client and created additional pages.
8. Responsiveness and Functionality Check
9. Tested the project's responsiveness and functionality.
10. Discussed necessary changes with the client.
11. Project Presentation
12. Presented the completed project.

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**Week 4: From** 24/06/2024 **To** 29/06/2024

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| **Day** | **Activities Carried Out** |
| 1 | 1. Interaction with the company head. 2. Discussed about the domain we will be working on. 3. Learnt about different types of manufacturing techniques. |
| 2 | 1. Got to understand how the company works. 2. Understood the projects the company was working on. |
| 3 | 1. Attended global meetings. 2. Understood the acting roles of the team members. 3. Understood the working and distribution of the product development process. |
| 4 | Topics covered:   1. Software development life cycle. 2. Product development life cycle. |
| 5 | Topics covered:   1. Difference between OEM and SI types of company. 2. Different types of meetings held in the workspace. 3. Product licensing. |
| 6 | Topics covered:   1. Different ways to access server. 2. VMware |

**Summary**

In the first week of Industrial Training the following topics were covered:

1. Introduction and Domain Discussion
   1. Interacted with the company head and discussed the domain to be worked on.
   2. Learned about different types of manufacturing techniques.
2. Company Overview
   1. Gained an understanding of how the company operates and the projects it is working on.
3. Global Meetings and Team Dynamics
   1. Attended global meetings and learned about the roles of team members.
   2. Understood the product development process and its distribution.
4. Development Life Cycles
   1. Covered the software development life cycle and the product development life cycle.
5. Company Types and Meetings
   1. Learned about the differences between OEM and SI types of companies.
   2. Discussed different types of meetings held in the workspace and product licensing.
6. Server Access and Virtualization
   1. Explored different ways to access servers and learned about VMware.

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**Week 5: From** 01/07/2024 **To** 06/07/2024

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| **Day** | **Activities Carried Out** |
| 1 | Topics covered:   1. VPN connection 2. Snapshot and cloning |
| 2 | Topics covered:   1. Types of application:  * Web based * Dekstop based  1. URL |
| 3 | Topics covered:   1. Architecture:  * Monolithic Architecture * 3-tier Architecture  1. Servers; Types and Use |
| 4 | Topics covered:   1. Application Environments 2. ALM & PLM 3. SI projects |
| 5 | Topics covered:   1. Code Beamer  * Installation * Configuration  1. Data model of Code Beamer |
| 6 | Topics covered:   1. Working of ALM 2. IDE |

**Summary**

In the second week of Industrial Training the following topics were covered:

1. How VPN connection is important for a company and how its used.
   1. VMWare; meaning and benefits
   2. Snapshot
   3. Cloning
   4. Connection of one server remotely to client server in 3 ways
2. Understood the Role of keywords in URL
3. Understood the 2 types of architecture with brief diagrams
   1. Monolithic
   2. 3-tier
4. Environments in which an application is developed
   1. Development
   2. Test
   3. Production
5. Types of SI projects
   1. Fixed price projects
   2. Time and Material projects
6. Concepts like
   1. IDE
   2. ALM
   3. PLM
7. Code Beamer
   1. Installation and configuration
   2. Data model with diagram and process

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**Week 6: From** 08/07/2024 **To** 13/07/2024

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| **Day** | **Activities Carried Out** |
| 1 | Topics covered:   1. Attended meeting  * Solved an issue generated  1. Windchill Technology |
| 2 | Topics covered:   1. Eclipse installation and configuration with Windchill 2. Opened Windchill servers 3. Layed hands on Windchill application |
| 3 | Topics covered:   1. Assembly modes 2. Changed master attributes 3. Created sample projects  * Created new product * Created new document |
| 4 | Topics covered:   1. Check in and check out 2. Decided Use case 3. Planning of usecases 4. Change icon of attribute 5. Customisation / configuration of attributes |
| 5 | Topics covered:   1. Validation 2. Customise feature (new change notice) 3. Creating custom attributes |
| 6 | Report finalization |

**Summary**

In the second week of Industrial Training the following topics were covered:

1. Meeting and Windchill Technology
2. Attended a meeting and resolved an issue.
3. Discussed Windchill technology.
4. Eclipse and Windchill Integration
5. Installed and configured Eclipse with Windchill.
6. Accessed Windchill servers and practiced using the application.
7. Assembly Modes and Sample Projects
8. Worked with assembly modes and changed master attributes.
9. Created sample projects, including a new product and document.
10. Use Case Planning and Attribute Customization
11. Covered check-in and check-out processes.
12. Decided on a use case and planned use cases.
13. Customized attributes and changed attribute icons.
14. Validation and Custom Features
15. Focused on validation processes and the customization of features, including creating custom attributes and new change notices.
16. Report Finalization
17. Finalized the report on the activities and findings.

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