







- Creating a website for a coffee shop with a programmer-friendly environment.
 - Fast internet

- Computer workstations: Plugins, monitors, mouse, keyboard, tables for bring your own laptop.
 - Quiet zones
 - Group collaboration areas
- Outcome: a fully functional website that allows customers to book workstations, view special events, & explore the menu & services.

="website-content"> ="height-20p"></div> ss="container"> section id="feature-post" class="py-5"> • Technical Stack: HTML, CSS, div class="col-lg-7">

Methodolo

<div class="d-fle

JavaScript.

font-weight-bold text-gray-

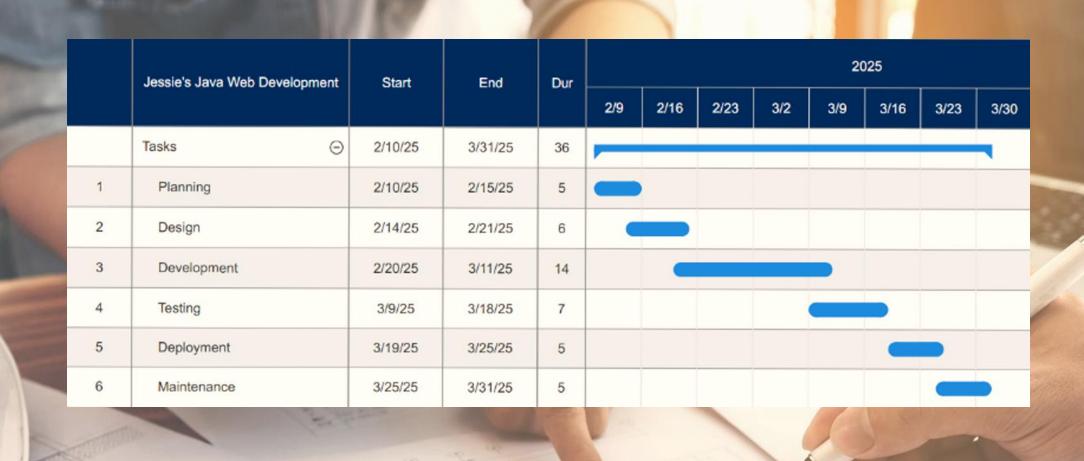
- Design Prototype via **AdobeXD**
 - I plan to use some of the background images in this PP as hero images on the website.
- **Programming Environment:** Visual Studio Code

Experimentation Testing & Evaluation

- User Testing: Specific test cases for each feature of the website
 - (e.g., booking system, payment gateway, menu display).
 - Do all links and functions work properly?
 - Is the design and navigation user friendly?

Project Planning & Scheduling

- Define the scope: Task needed to be completed to be successful.
 - Proper coding for "Reserve a Workstation"
 - Customers able to view menu
- Work Breakdown Structure [WBS]
 - 8 Week Scheduled Gantt Chart



8 Week Gantt Chart

My Software

Development Life Cycle



1. Planning Phase

- •1.1 Define scope
- •1.2 Create task list and timeline

2. Design Phase

- •2.1 Architecture design
- •2.2 Database design
- •2.3 User interface (UI) design Prototypes

3. Development Phase

- •3.1 Write code
- •3.2 Database development if needed
- •3.3 Use 3rd party tools as needed
- •3.4 Unit testing and debugging

4. Testing Phase

- •4.1 Functional & UX testing
- •4.2 Performance testing
- •4.3 Bug fixing and issue resolution

5. Deployment Phase

- •5.1 Deploy application to production
- •5.2 User training and documentation
- •5.3 Support and bug fixes

6. Maintenance Phase

- •6.1 Monitor performance
- •6.2 Fix bug fixes and patches
- •6.3 Implement updates and enhancements

Rough Prototype – will change layout