| Phase | Task | Estimated Hours and assignment | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| | | Adam | Jordan | Yuan | Edwin | Eddy |
| 1 | Planning and Design | | | | | |
| 1.1 | Scope/Charter Draft MAY 29 Final JUNE 4 | | | | | |
| 1.1.1 | Meet with Client | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 1.1.2 | Team Meeting | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 1.1.3 | Charter Document | 2.00 | 2.00 | 2.00 | 4.00 | 2.00 |
| 1.1.4 | Scope Statement+Document | 2.00 | 2.00 | 2.00 | 2.00 | 3.00 |
| 1.1.5 | Methodology | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 |
| 1.1.6 | WBS | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 1.1.7 | UML Diagrams | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| 1.2 | Design Document Draft JUNE 4 Final JUNE 9 | | | | | |
| 1.2.1 | Team Meeting | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| | Email Communication | | 0.00 | 4.00 | | |
| | Discord Communication | 10.00 | 4.00 | 2.00 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 2 | Foundational Requirements | | | | | |
| 2.0.1 | Write Tests | ? | ? | 4.00 | ? | 2.00 |
| 2.1 | Backend Design and Setup | | | | | |
| 2.1.1 | Server Design | 7.00 | 0.00 | 6.00 | 2.00 | 3.00 |
| 2.1.2 | Server Creation | 5.00 | 1.00 | 6.00 | 6.00 | 3.00 |
| 2.1.3 | Database Design | 2.00 | 10.00 | 4.00 | 1.00 | 3.00 |
| 2.1.4 | Database Creation | 2.00 | 8.00 | 4.00 | 3.00 | 3.00 |
| 2.1.5 | Server+Database integration | 2.00 | 8.00 | 4.00 | 3.00 | 3.00 |
| 2.1.6 | Testing | 4.00 | 4.00 | 8.00 | 2.00 | 3.00 |
| 2.2 | Front End Structure and Setup | | | | | |
| 2.2.1 | Layout | 2.00 | 8.00 | 5.00 | 5.00 | 3.00 |
| 2.2.2 | Visual Design plan | 2.00 | 6.00 | 3.00 | 2.00 | 3.00 |
| 2.2.3 | Server Integration | 2.00 | 5.00 | 5.00 | 4.00 | 4.00 |
| 2.2.4 | Usability Testing | 3.00 | 5.00 | 5.00 | 1.00 | 4.00 |
| 2.3 | Foundational End | | | | | |
| 2.3.1 | Functionallity Testing | 2.00 | ? | 2.00 | 1.00 | 2.00 |
| 2.3.2 | Debug/refactor | 10.00 | ? | 5.00 | 5.00 | 3.00 |
| 3 | MVP | | | | | |
| 3.0.1 | Write Tests | ? | ? | 5.00 | ? | 2.00 |
| 3.1 | Database Population | | | | | |
| | Create Dummy Data | 0.00 | 0.00 | 1.00 | 1.00 | 3.00 |
| | Import Data | 2.00 | 0.00 | 2.00 | 1.00 | 2.00 |
| | Deployment | 2.00 | 2.00 | 2.00 | 1.00 | 5.00 |
| 3.2 | Server-Side Functionality and Setup | | | | | |
| | Retrieve Data | 2.00 | 10.00 | 6.00 | 1.00 | 2.00 |
| | Display Data | 4.00 | 6.00 | 6.00 | 3.00 | 3.00 |
| | Add Job | 6.00 | 10.00 | 3.00 | 2.00 | 3.00 |
| | Add Employee | 6.00 | 10.00 | 3.00 | 2.00 | 3.00 |
| | Move Employee | 10.00 | 0.00 | 3.00 | 5.00 | 5.00 |
| | Login | 1.00 | 10.00 | 3.00 | 2.00 | 3.00 |
| | Edit Employee | 9.00 | 0.00 | 3.00 | 1.00 | 3.00 |
| | Archive Job | 10.00 | 2.00 | 3.00 | 1.00 | 3.00 |
| | Unit Testing | ? | ? | 10.00 | 3.00 | 4.00 |
| 3.3 | Client-Side Functionality | | | | | |
| | Sort Data | 2.00 | 0.00 | 3.00 | 1.00 | 3.00 |

| | Task | | | | | |
|---|---|---|---|---|---|---|
| | Organize Displayed Data | 2.00 | 0.00 | 3.00 | 1.00 | 3.00 |
| | Basic Calendar UI | 2.00 | 6.00 | 3.00 | 2.00 | 3.00 |
| | Basic Editing UI | 2.00 | 6.00 | 3.00 | 2.00 | 3.00 |
| | Add Job button | 2.00 | 0.00 | 3.00 | 2.00 | 3.00 |
| | Add Employee Button | 2.00 | 8.00 | 3.00 | 2.00 | 3.00 |
| | Usability Testing | 2.00 | ? | 10.00 | 1.00 | 3.00 |
| | Debug/refactor | 2.00 | ? | 8.00 | 5.00 | 4.00 |
| **3.4** | **MVP Presentation** | | | | | |
| | Integration Testing | 16.00 | ? | 8.00 | 2.00 | 3.00 |
| | Usability Testing | 5.00 | ? | 8.00 | 2.00 | 3.00 |
| | Unit Testing | ? | ? | 8.00 | 2.00 | 4.00 |
| | Refactor/Debug/Fix | 30.00 | 16.00 | 5.00 | 8.00 | 4.00 |
| | Prepare Demo | 2.00 | 3.00 | 4.00 | 3.00 | 3.00 |
| | Present | 3.00 | 3.00 | 1.00 | 2.00 | 3.00 |
| **4** | **Post-MVP Pre-user testing** | | | | | |
| 4.0.1 | Write Tests and Reorganize | | 6.00 | 8.00 | 2.00 | 4.00 |
| **4.1** | **Server-Side Additions** | | | | | |
| | Job Archive | 10.00 | 0.00 | 4.00 | 3.00 | 2.00 |
| | Job Analytics | 2.00 | 12.00 | 4.00 | 4.00 | 2.00 |
| | Presenter View | 2.00 | 6.00 | 4.00 | 2.00 | 2.00 |
| | Unit Testing | ? | ? | 5.00 | 2.00 | 2.00 |
| | Usability Testing | 2.00 | ? | 5.00 | 2.00 | 2.00 |
| | Debug/Refactor | 16.00 | 8.00 | 8.00 | 8.00 | 2.00 |
| **4.2** | **Client-Side Additions** | | | | | |
| | Beautify | 2.00 | 16.00 | 8.00 | ? | 2.00 |
| | Organize Data | 2.00 | 4.00 | 4.00 | 3.00 | 2.00 |
| | AJAX | 2.00 | 12.00 | 4.00 | 3.00 | 2.00 |
| | | | | | | |
| **Total number of hours assigned per member** | | 228.50 | 228.50 | 254.50 | 137.50 | 161.50 |
| **Weekly average number of hours assigned per member** | | 25.39 | 25.39 | 28.28 | 15.28 | 17.94 |