**WeCasa**

Project Roadmap Document

Team HAGS JP

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# **Project Roadmap Version Table**

|  |  |  |
| --- | --- | --- |
| **Version** | **Description** | **Date** |
| **1.0** | Initial Roadmap   * Budget/Resources | 10/5/2022 |

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# **Cost & Resources Analysis**

It’s been HAGS JP’s goal to minimize the cost of the entire system by using free resources whenever possible. The cost of the system is nearly close to $0. Higher costs may arise if our website receives a lot of traffic. In that case we will have to pivot to a more expensive and larger database.

## Team

While a complete team would contain all the following staff members, HAGS JP has six members. Each team member will be performing multiple jobs.

* **Team Leader/ Lead Engineer**
* **Scrum Master**
* **Web Developer**
* **Backend Developer**
* **Data Engineer**
* **Beta Tester**
* **UI/UX Designer**

## Resources

The development team will use software packages and solutions that are free and

open source. This includes the front-end/back-end framework, data store,

development environment, web server, and testing framework. Computers and other

devices that will be used to develop and test code, document the project, and

connect with team members will be the personal computers already owned by each

team member.

|  |  |
| --- | --- |
| Resources   * Software (open-source) * Computers (personal items) | $0 |
| Labor (Average Salary in Long Beach, California from Ziprecruiter.com)  While each team member will perform the tasks of multiple roles, their overall salary will ***only be the*** higher paying role they perform.   * Team Lead/Lead Engineer: $128,351 * Scrum Master: $123,743 * Web Developer: $81,120 * Backend Developer: $82,120 * UI/UX Engineer: $98,196 | ($128,351 x 1) +  ($123,743 x 1) +  ($81,120 x 1) +  ($82,120 x 2) +  ($98,196 x 1) = |
| **Total** | **$595,650** |

# **Project Roadmap**

This project timeline is intended to specify when the team will be working on the following work items per sprint.

The resources and time shown to complete each work item takes into account its design, approval, implementation, and testing.

# **Semester 1 (9/22 - 12/22)**

### Sprint 1 (9/7/22 - 10/4/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Project Proposal Revision** | 7 Hours |
| **Business Requirements Document** | 7 Hours |
| **Project Plan** | 7 Hours |
| **Project Roadmap** | 7 Hours |
| **Gantt Chart** | 7 Hours |
| **High Level Design Schematic** | 7 Hours |
| **High Level Design Document** | 7 Hours |

**Milestone 1 Due**

### Sprint 2 (10/6/22 - 10/18/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Network Diagram** | 12 Hours |
| **Low Level Design** | 12 Hours |

### Sprint 3 (10/20/22 - 10/30/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Registration** | 10 Hours |
| **Account Creation** | 10 Hours |
| **Logging** | 10 Hours |

### Sprint 4 (11/1/22 - 11/8/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Authentication** | 7 Hours |
| **Login** | 7 Hours |
| **Logout** | 7 Hours |

**Milestone 2 Due**

### Sprint 5 (11/10/22 - 11/22/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Creating Groups** | 12 Hours |
| **→ Adding Members** | 10 Hours |
| **→ Removing Members** | 10 Hours |
| **Deleting Groups** | 12 Hours |
| **Authorization** | 12 Hours |
| **Permissions** | 12 Hours |

### Sprint 6 (11/24/22 - 12/6/22)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Account Deletion** | 12 Hours |
| **Account Recovery** | 12 Hours |
| **Bill of Materials** | 12 Hours |

**Milestone 3 Due**

# **Semester 2 (2/23 - 5/23)**

### Sprint 7 (2/2/23 - 2/14/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Budget Sharing Bar** | 12 Hours |
| **Updating Profile** | 12 Hours |

### Sprint 8 (2/16/23 - 2/28/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Customizing Group** | 12 Hours |
| **App Settings** | 12 Hours |
| **Bulletin Board** | 12 Hours |

### Sprint 9 (3/2/23 - 3/14/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Chore List** | 12 Hours |
| **Grocery List** | 12 Hours |
| **Uploading a File** | 12 Hours |
| **Removing a File** | 12 Hours |

### Sprint 10 (3/16/23 - 3/24/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Round Tracking Bar** | 8 Hours |
| **Incomplete Task Summary** | 8 Hours |

### Sprint 11 (4/6/23 - 4/18/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Reminders** | 12 Hours |
| **Nudging** | 12 Hours |

### Sprint 12 (4/20/23 - 5/4/23)

|  |  |
| --- | --- |
| **Work Item** | **Resources** |
| **Analytics Dashboard** | 14 Hours |
| **User Feedback** | 14 Hours |
| **Unit Testing** | 14 Hours |