

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

|               |                           |
|---------------|---------------------------|
| Date          | 22 June 2024              |
| Team ID       | SWTID1720064122           |
| Project Name  | HOUSE Hunt APP USING MERN |
| Maximum Marks | 4 Marks                   |

#### Product Backlog, Sprint Schedule, and Estimation (2 Marks)

Use the below template to create product backlog and sprint schedule

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task  | Story Points | Priority | Team Members  |
|----------|-------------------------------|-------------------|--|--------------|----------|---------------|
| Sprint-1 | Registration                  | USN-1             | I can access my account / dashboard                        | 3            | High     | Aitha Pranith |
| Sprint-2 |                               | USN-2             | I can receive confirmation email & click confirm           | 3            | Medium   | Aitha Pranith |
| Sprint-3 |                               | USN-3             | I can register & access the dashboard with LinkedIn Login  | 2            | Low      | Lahari S      |
| Sprint-2 | User Confirmation             | USN-4             | I can confirm my account by verifying via email            | 4            | Medium   | Hariraj       |
| Sprint-1 |                               | USN-5             | I can confirm my account by verifying via OTP              | 5            | High     | Lahari S      |
| Sprint-3 | Profile Management            | USN-6             | I can update my personal information                       | 5            | Low      | Hariraj       |
| Sprint-1 |                               | USN-7             | I can change my passwords                                  | 3            | High     | Lahari S      |
| Sprint-3 |                               | USN-8             | I can decide if I want to receive notifications            | 3            | Low      | Hariraj       |
| Sprint-2 | Browsing and searching        | USN-9             | I can search by applying filters based on the requirements | 4            | Medium   | Aitha Pranith |
| Sprint-2 |                               | USN-10            | I can shortlist my favourite houses                        | 4            | Medium   | Lahari S      |
| Sprint-3 |                               | USN-11            | I can verify and enquire about nearby amenities            | 5            | Low      | Lahari S      |
| Sprint-1 | Communication                 | USN-12            | I can schedule house visits                                | 3            | High     | Hariraj       |

| Sprint   | Functional Requirement (Epic) | User Story Number | User Story / Task                                   | Story Points | Priority | Team Members  |
|----------|-------------------------------|-------------------|---|--------------|----------|---------------|
| Sprint-3 |                               | USN-13            | I can manage Invoices and transaction details       | 4            | Low      | Aitha Pranith |
| Sprint-2 | Property Listing              | USN-14            | I can upload photos of my property                  | 3            | Medium   | Hariraj       |
| Sprint-1 |                               | USN-14            | I can access legal information and negotiate offers | 5            | High     | Aitha Pranith |

#### Project Tracker, Velocity & Burndown Chart: (2 Marks)

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| Sprint-1 | 19                 | 10       | 15 June 2024      | 24 June 2024              | 18  | 24 June 2024                 |
| Sprint-2 | 18                 | 9        | 25 June 2024      | 2 July 2024               | 19  | 2 July 2024                  |
| Sprint-3 | 19                 | 10       | 3 July            | 12 July 2024              |   |                              |

#### Velocity:

Total story points completed = 18+19 = 37

Number of completed sprints = 2

Average velocity = Total story points completed / Number of completed sprints = 37/2 = 18.5