cpy pip -m install Flask

To run flask : flask run

$ pip install Flask-SQLAlchemy

[Trello link](https://trello.com/invite/b/4YXjEXPP/ATTI87c22a234fa98424931e5a8d71e11f27C992D49E/team-24)

**Sprint Planner 3 :**

***Part 1 : Our Sprint Goals:***

* **Agreed upon submission deadline: 19/10/23**
* By the agreed upon submission deadline, we shall extend on the existing product by adding/adapting to these features:

1. As this is the final iteration, the product at the very least, must meet the minimum viable product. To ensure this is the case, the product and sprint backlog must be updated to ensure that priorities are sufficiently allocated and the client requirements can be met.

**Core amendments and priorities to be adjusted following previous sprint:**Product addition priorities:

* Have multiple sprints
* Be able to see all the sprints
* Might have 5 sprints in the system: If four sprints in the past, want to be able to revisit those sprints, see what tasks were completed, etc.
* Have all the charts specific for those sprints
* For the current sprint, only want the relevant information
* May also want planning for future sprints, with the sprint backlog
* Support the notion of multiple sprints, (one active at any given time)
* See how data can be compartmentalised
* Data for one sprint will not affect other sprints
* That way, visualisation can be simpler

**Must haves** are being able to **view multiple sprints** and the **visualisation**. We don’t care about anything else.

Human Aspect part

* Some sort of user retention, as in ‘motivation’ for other people
* Update to the system where we send out motivational/encouraging messages when people finish tasks.
* Could be a pop up or an animation or something.
* People feel ‘nice’ after they see these.
* Able to complete the sprint before the assigned time/on time, the whole team gets a ‘pat on the back’.

These tasks will be added to the sprint backlog and product backlog accordingly.

**Definition of Done:** Can be found updated upon the trello board.

<https://trello.com/b/4YXjEXPP/team-24>

**Sprint Items Priority** (See sprint backlog for specific user stories, as well as updated Product Backlog)

* Due to the previous sprints’ velocity equation, the task allocation and prioritisation of this task must lead to a healthier velocity chart.

***Part 2 : Sprint Delegation:***

Sprint allocation after product consultation. Priorities can be found on Product Backlog as well as Sprint Backlog.

| Sprint backlog ID | Tasks | Assigned team member | Agreed deadline |
| --- | --- | --- | --- |
|  | * May also want planning for future sprints, with the sprint backlog * Work on the human aspect | Milni | 16/10/23 |
|  | * Allow adding from the product backlog to a sprint backlog. * Add an ability to have effort for each task in the sprint backlog, effort (1-10). | Carissa | 17/10/23 |
|  | * Time graph (visualisation) * amount of time spent on each individual task * Update CSS for update password page | Kirtan | 18/10/23 |
|  | * Update database to have names, sprint id * Create new dynamic tabs to display multiple past sprints. | Nilly | 18/10/23 |
|  | * Retrospective Report * Assign people to tasks * Calendar dates for the sprints, save these values so we can plot later | Erin | 18/10/23 |
|  | * Sprint Backlog, Extra Risks (2-3 more risks) , Burndown Chart, Updating the Sprint Plan, Updating Trello board, * Instructions page | Max | 18/10/23 |
|  | * Adding user effort burndown charts with drop down lists (visualisation) | Chaitsee | 18/10/23 |

**Additional risks identified during Sprint 3**

| **ID** | **Date Raised** | **Risk Description** | **Likelihood of the risk occurring** | **Impact if the risk occurs** | **Severity Rating** *based on impact & likelihood* | **Owner + Monitoring Strategy**  *Person who will manage the risk* | **Mitigating action** | **Contingency Plans** (if risk has already happened) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 6/10/23 | Unavailability of Client | Low | Very High | Medium | Milni: In the event of client unavailability, the monitoring strategy will involve regular checks for any sign of return, such as email or communication attempts, to ensure the status of the client. | To address the unavailability of the client, the team will proactively reach out to said client via alternative means, such as secondary contact points, email forwarding, to understand the reasoning for an absence. | The contingency plan will involve offering assistance if necessary, and rescheduling meetings if needed.  Clear instructions on how to approach and reach us for rescheduling of meetings and appointments will also be necessary to ensure minimal disruption to project flow. |
| 26 | 10/10/23 | Overcomplicating of system | Medium | Very High | Very High | Max: To prevent overcomplication and bloating of the system, our monitoring strategy will involve regular reviews of project documentation and KPI’s to detect any deviations from the established project scope. | In this case, the team will implement corrective measures, such as simplifying processes or adjusting resource allocation to align with the project’s actual needs, rather than prioritising what developers may feel interested in. | This plan involves the establishment of clear decision-making protocols (such as meetings, team leads, sufficient delegation, escalation procedures) to ensure that each of these tasks are addressed promptly, allowing us to maintain project timelines and the goal. |
| 27 | 11/10/23 | Overconfidence of resources | Medium | Very High | Very High | Max: Consistent monitoring of resource utilisation and team morale, to ensure planned estimates align with actual results | Reallocation of resources, revising project timelines, minimising scope, and seeking additional resources if necessary to ensure deliverables are met effectively. | The establishment of clear communication channels for team members to report concerns or obstacles related to the resource allocation. This will allow for clear and concise adaptations to changing circumstances, and everyone can stay updated and on track. |

## 

**Review of previous risk raised (risks that happened):**

***Risk 23****:* Risk 23 was dedicated to the concerns of having new team members allocated to the team. Our team successfully moved over the hurdles that we were met with regarding said risk. We moved forward from communication issues, and were quickly able to understand the technical level and preferences of each team member. Following the previous sprint, we can now move into the next sprint with a better grip on task delegation and allocation.

**Projects Non-Functional Requirements**:

* Security
* Usability

**Overlooked Non-Functional Requirements from previous Sprint**:

* Portability
* Compatibility
* Performance efficiency
* Maintainability
* Reliability

**How will we manage**:

* Usability: Update operable UI across each page
* Compatibility: Ensure all developers are understanding of the database mechanics
* Reliability: Recovery procedures
* Maintainability: Continuously modify the code and comment
* Portability: Use on different devices

**How will we verify:**

* *Security: Users are not able to access the system in any way without correct login details*
* *Compatibility: Information stored on one device will be seen on another device*
* *Portability: Users will be able to use on a variety of devices*
* *Performance efficiency: Users will not experience long loading times*
* *Usability: Users from outside of the development team are able to use the system intuitively*
* *Reliability: Users will be able to complete tasks without breaking the program*
* *Maintainability: We will be able to continue modifying the code without it breaking*

**Key notes to continue based off previous sprint:**Ensure tasks are allocated to members who are comfortable with what they have been delegated.