**Section I: Goals**

In this sprint, we want to calculate analytics and use those to display how our users are spending their time

**Section II: Tasks for Each User Story**

1. **As a student, I need visual aids so that it is easier to comprehend how I allocate my own time. (Draw the bagel)**

| **Task Number** | **Time Estimate**  **(hours)** | **Story Point Estimates** | **Description** |
| --- | --- | --- | --- |
| 1 | 4 | 3 | Figure out API for Bagel |
| 2 | 8 | 8 | Implement API for Bagel |
|  |  |  | * Calculate Statistics for Bagel |
| 3 | 4 | 3 | Calculate Total time spent for the day |
| 4 | 4 | 3 | Calculate Total time for overall |
|  | 8 | 5 | Update Bagel when user checks in task |
| 5 | 6 | 5 | Add drop down with preset tags on front end |
| 6 | 4 | 3 | Add functionality to create new tags on frontend |
| 7 | 6 | 5 | Add checked in field across full stack |
|  | 4 | 3 | Add button for “I have completed” and “I have not completed” tasks on dashboard |
|  | 4 | 3 | Change Dashboard to display tasks that are not checked in (it currently displays not completed tasks) |
| 8 | 4 | 2 | Make database function “getTags” returns tags from presetTasks. |
|  | 6 | 5 | Add frontend testing boilerplate |
|  | 4 | 3 | Add username props back to home page |
|  | 82 | 61 |  |

1. **~~As a student, I need statistics of my time usage so that I can have a better idea of how to improve my studying efficiency. (Recommendations)~~**

| **~~Task Number~~** | **~~Time Estimate~~**  **~~(hours)~~** | **~~Story Point Estimates~~** | **~~Description~~** |
| --- | --- | --- | --- |
|  | ~~12~~ | ~~8~~ | ~~Research Algorithms for Categorizing Tags~~   * ~~This will lead to either implementing this API or to create our own filter for productive vs not.~~ |
|  | ~~12~~ | ~~8~~ | ~~Specify Recommendations (Write a list of recommendations and conditions)~~ |
|  | ~~4~~ | ~~3~~ | ~~Implement Front end to display recommendations~~ |
|  | ~~4~~ | ~~3~~ | ~~Display Recommendations~~ |
|  | ~~8~~ | ~~5~~ | ~~Style task cards on dashboard~~ |
|  |  |  |  |
|  |  |  |  |
|  | ~~40~~ | ~~27~~ |  |

1. **As a young adult, I want to have a streamlined and bug free experience to allow for ease of use and drive adoption.**

| **Task Number** | **Time Estimate**  **(hours)** | **Story Point Estimates** | **Description** |
| --- | --- | --- | --- |
| 1 | 8 | 5 | Account for conflicts in scheduling task times (Error handling) |
| 2 | 8 | 5 | Fix Register/Login error handling to standard MUI red box/red message display |
|  |  |  | ~~Change calendar view to display a week instead of one day~~ |
| 3 | 4 | 3 | Add 12-12 calendar view with scroll bar |
| 4 | 6 | 5 | Add arrow buttons to navigate between days on calendar display view |
|  |  |  | ~~Restrict Create Task form to only create tasks within the window~~ |
| 5 | 8 | 5 | Error handling for Create task to let user know which fields are required/missing |
|  | 3 | 2 | Restrict typing into Date fields (research) |
| 6 | 8 | 5 | Ability to edit all fields on task card on dashboard |
|  | 6 | 5 | Make database function that returns tasks within a certain time range |
|  | 4 | 3 | Make back-end tests. (Response send status codes etc.) |
|  | 6 | 5 | Add more front end tests |
|  | 4 | 3 | Style task cards on dashboard |
|  | 65 | 46 |  |

**Section III: Team Member Roles**

| **Team Member** | **Roles** |
| --- | --- |
| **Kalani Richard** | Team Member |
| **Vlad Lekhtsikau** | Team Member |
| **Collin McColl** | Team Member |
| **Gene Park** | Scrum Master |
| **Simeon Tran** | Product Owner |

**Section IV: Initial Task Assignment**

| **Team Member** | **User Story** | **Initial Tasks** |
| --- | --- | --- |
| **Kalani Richard** | 1 | Figure out API for Bagel |
| **Vlad Lekhtsikau** | 1 | Add drop down with preset tags on front end |
| **Collin McColl** | 1 | Add frontend testing boilerplate |
| **Gene Park** | 1 | Make back-end tests. (Response send status codes etc.) |
| **Simeon Tran** | 1 | * Calculate Total time spent for the day * Calculate Total time spent for overall |

**Section V: Initial Burnup Chart**

The Burnup Chart is linked [here](https://docs.google.com/spreadsheets/d/19WBrQa6q2gT7pPU8-T4qPt92IijurOBEDjGXGubbCho/edit#gid=0).

**Section VI: Initial Scrum Board**

The Scrum Board is linked [here](https://app.asana.com/0/1203076727968591/1203076727968591).

**Section VII: Scrum Times**

* Mondays 9:10 am to 9:35 am
* Wednesday 9:10 am to 9:35 am
* Fridays 9:10 am to 9:35 am
* **TA Meeting Time:** Wednesdays 2:30 pm - 3:30 pm