**Sprint Planning**

Goal: Final features of APIs. Concluding the incomplete sprint items from sprint 2. Back end of BOTH APIs must be done for proper tests and assignment extensions (Maven, Travis, Docker). as well as integration with the front end.

To do:

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| --- |
| Back end of Calendar API |
| Back end of Central Authentication API |
| Final API front end features |
| Google Cloud |
| Travis |
| Docker |
| Develop higher level unit tests for the actual objects |
| Cleaning Up code |

Product Backlog items for the sprint:

Remaining items

Plan:

Initial delegation after documentation tasks:

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| Duncan – Sprint 3 documentation, test cases/unit tests WITH REAL OBJECTS, Begin Maven -> Travis -> Docker |
| Saad – Portions of the backend code (Tasks split with Tharvind and delegated) |
| Tharvind – Portions of the backend code (Tasks split with Saad and delegated) |
| Mohammed – Begin Maven -> Travis -> Docker |
| Thien - |

Sprint Backlog (Total Effort = 80)

|  |  |  |
| --- | --- | --- |
| Item | Priority | Effort |
| Maven |  | 13 |
| Travis |  | 13 |
| Docker |  | 13 |
| Google Cloud |  | 5 |
| Data-store: Google data-store |  | 5 |
| Integrate Front end and Back end of both APIs | 2 | 8 |
| Calendar API: Develop further unit tests when back end code is available | 3 | 3 |
| Central Authentication API: Develop further unit tests when back end code is available | 3 | 3 |
| Calendar API: Document unit tests | 4 | 1 |
| Central Authentication API: Document unit tests | 4 | 1 |
| Burndown chart updated (Sprint 2) | 5 | 1 |
| Back-end for Central Authentication API | 1 | 8 |