SCRUM MEETING WEEK 6 - Team Accord

**:white_check_mark: Sprint planning checklist**

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| **Preparation** | **Meeting** | **Follow up** |
| * Understand how to construct system diagrams * Understand how to construct model diagrams for use cases and requirements (sequence diagrams, DFDs) * Understand how to write unit tests in Python (PyUnit) and React | * ​​Discussing how to make the system diagram. * Discussing how to make the model diagrams based on the use cases that we have (general approaches) * Reviewing the completed system diagram, UML diagram and DFDs. * Define the database in Django. * Create the login and create account page for the application. | * Creating System diagram * Finalizing the functionality of the login page and registration page. * Start working on the homepage. |

**:busts_in_silhouette: Sprint team members**

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| --- | --- |
| **Name** | **Role** |
| ​​Colin Lefter | ​​Scrum Master |
| Hoc Nguyen | Developer |
| Toby Nguyen | Developer |
| Bao Pham | Developer |
| Immanuel Wiessler | Developer |
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** Sprint planning meeting items**

**Previous sprint summary**

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| **Sprint theme** | ​​ Finalizing prior drafts, creating new drafts for new issues  Project Description and Requirements |
| **Issues completed** | * ​​UML diagram, DFD level 0 and 1, project high-level description, project introduction, use-case descriptions |
| **Issues left** | * None |
| **Team Capacity** | * 5 members \* 8 hours = 40 hours |
| **Summary** | * ​​All team members contributed equally and effectively completed all tasks with no issues |

**Details Current sprint**

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| **Start date** | ​​ 12th February 2024 |
| **End date** | 26th February 2024 |
| **Sprint theme** | ​Finalizing the completed diagrams, defining the database system, writing the initial code for the front-end and back-end for login page and registration page. |
| **Team capacity** | 5 members \* 12 hours = 60 hours |
| **Issues capacity** | * Creating the database in Django: 10 hours * Finalizing the completed system diagram, UML diagram and DFDs: 4 hours * Creating the login page for the application: 10 hours * Creating the account creation page for the application: 15 hours * Writing unit tests for the login and account creation page: 15 hours * Total: 54 hours |
| **Individual capacity** | * Colin Lefter (12 hours) 🡪 Defining the database in Django, co-dev for login page, along with unit tests for the database prior to writing code. * Hoc Nguyen (12 hours) 🡪 Finalizing the DFDs, creating the login page * Immanuel Wiessler (12 hours) 🡪Creating the registration page (along with unit tests prior to writing code) * Bao Pham (12 hours) 🡪 Creating the registration page (along with unit tests prior to writing code) * Toby Nguyen (12 hours) 🡪 Creating the registration page (along with unit tests prior to writing code) |
| **Potential risks** | * Possible changes in work delegation |
| **Mitigations** | * Re-assigning tasks |

**:books: Sprint planning resources**

* Lecture slides.
* Django documentation for database implementation.
* Documentation for React and TypeScript.