Project status report

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| **Reporting week:** | *Week 04* | **Project title:** | *Development of an AI-Powered Mood-Tracking Application for Personalized Mental Health Support* |
| **Date of report:** | *06/14/2024* |
| **Report authors:** | *Lyu Ji 2087938, Jiayi Song 2079007, Yuxing Wan 2097979, Ming Zheng 2054931* | | |

## **Trello of the Project**

[*https://trello.com/invite/b/73oig2YX/ATTI9708270767836d0b1b5ff68c48bf58b0E89760A8/scrum-board*](https://trello.com/invite/b/73oig2YX/ATTI9708270767836d0b1b5ff68c48bf58b0E89760A8/scrum-board)

## **Bi-weekly Meeting Schedule**

Datetime we met with our supervisor: 06/06/2024 9:00 AM

## **GitHub Commit Summary**

Link to git repo: [*https://github.com/jilv220/capstone*](https://github.com/jilv220/capstone)

*Lyu Ji:* Implemented various features and fixed, including theme toggle, Google sign-in, and backend integration.

* **0b6ef01**: merged
* **cb09a3c**: add forward button on edit page and add full note page
* **32eeac5**: Forgot to merge
* **47dba2f**: Merged pull request #2 (theme toggle)
* **f5f4526**: Merged pull request #1 (initial backend setup)
* **08b3c02**: Added theme toggle
* **f2fd42e**: Integrated biome
* **b459a80**: Fixed issue to use bun
* **e63c47a**: Integrated Sentry
* **8e33e8c**: Fixed scrollview and implemented logout
* **ba791d4**: Finished GitHub sign-in
* **59f1bdf**: Initial GitHub sign-in support
* **ed61347**: Added database ER diagram
* **64089f0**: Fixed incorrect singleton usage
* **e86415e**: Created user info endpoint
* **6c734ca**: Fixed iOS Google login
* **b4ed332**: Changed endpoint name
* **5e5e493**: Changed endpoint name
* **2b5d7a1**: Progress on Google sign-in
* **d4a0918**: Added login/logout stub
* **76193ff**: Refactored code
* **f24aeac**: Refactored code
* **d823898**: Added Google login
* **f76f884**: Refactored to React Native
* **9b9515b**: Initial backend setup
* **2acd1aa**: Initialized project

Jiayi Song: Connected backedn functionalities and refined UI elements

* **2885851**: feat: connect with backend (#12)
* **eb19477**: chore: remove emotions
* **eced50f**: Merged master branch
* **1b6074a**: Connected add button to mood select page
* **15ef00a**: Removed logmood.tsx
* **c893e94**: Added button on tab bar
* **f7f596a**: Merged remote-tracking branch 'origin'
* **938db56**: Saved changes before merging
* **70f8bd0**: Displayed mood in the entry
* **cec8f12**: Added date picker
* **d591cbc**: Added date picker

Yuxing Wan: Create utility file and scripts for testing and improving accessibility

* **682e488**: Create ThemeManager.tsx
* **a5685bb**: Create UIComponentLibrary.tsx
* **70f1b85**: Create AccessibilityEnhancements.tsx
* **1d41d92**: Create IntegrationTestSuite.ts
* **10df40f**: Create APIValidationSchemas.ts.txt
* **95124db**: Create PerformanceMetrics.ts
* **e8d6bca**: Create MockDataGenerator.ts
* **92d3b2f**: Move ErrorHandling.tsx
* **b32e2bb**: Create ErrorHandling.tsx
* **bb093c3**: Add documentation

## Project Milestone status review

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| --- | --- | --- | --- | --- |
| **Project Plan ID** | **Project Milestones** | **Status** | **Expected Completion Date** | **Issues Exist (Yes/No)** |
| *001* | *UI Design* | Completed | June 10 | No |
| *002* | *Front-end Development* | In process | June 25 | No |
| *003* | *Back-end Development* | In process | July 5 | No |
| *004* | *Testing* | In process | July 15 | No |
|  |  |  |  |  |
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## Status of planned activities

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| ***Planned accomplishments in this period:*** |
| * *Set up version control system* * *Install development tools* * *Define database schemas* * *Create UI wireframes for screens* * *Deploy development server to backend* * *Write Testing Stories according to existing functions* |

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| ***Planned but not accomplished:*** |
| * *OAuth login flow, much trickier than expected* |

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| ***Planned actions for the next period:*** |
| * *Improve login flow* * *Improve theme toggle* * *Develop OpenAPI and Swagger UI for API documentation* * *Improve Frontend UI for mood logging* * *Establish Backend endpoint for mood logging* |

## Project issues summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***ID*** | ***Priority*** | ***Issue Description*** | ***Impact Summary (Milestone, Schedule Scope, Resources, Space…)*** | ***Action Steps*** |
| *N/A* | *N/A* | *N/A* (Currently, there are no unresolved issues reported) | *N/A* | *N/A* |

## Project risk summary

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| --- | --- | --- | --- | --- | --- |
| ***ID*** | ***Priority*** | ***Probability of Occurrence*** | ***Risk Description*** | ***Impact Summary (Milestone, Schedule Scope, Resources, Space…)*** | ***Response Strategy*** |
| *001* | *M* | *M* | *Technical Overreach* | *Might delay milestones* | *Collaborative Problem Solving / Make Compromises* |

## Assistance Requests

|  |  |  |
| --- | --- | --- |
| ***ID*** | ***Description including reference to impact on time, cost and quality (Iron Triangle)*** | **Action Requested** |
| *N/A* | *N/A* | *N/A* |