

## PROJECT STATUS REPORT

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/73oiq2YX/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>

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

- **2885851**: feat: connect with backend
- **eb19477**: chore: remove emotions
- **7ef06d5**: init eas
- **dc5ab2c**: match backend with frontend
- **e0332ee**: fix popover closing and sheet position; connect delete to backend
- **b1ff0e1**: chore: refactor homepage
- **ce22cd3**: fix error
- **666862c**: feat: delete endpoint and get single endpoint
- **7ae7332**: feat: patch endpoint for moodlog
- **511ad78**: fix error
- **56f97e6**: chore: refactor scenario endpoints
- **afa4139**: feat: implement endpoint for moodlog
- **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 backend functionalities and refined UI elements

- **0b6ef01**: merged
- **cb09a3c**: add forward button on edit page and add full note page
- **a6b0ec9**: change format of hour and minute
- **c556f4a**: Merge branch 'master'
- **9515752**: index page connect to the backend
- **e166daa**: enable MoodSelect's emotions' color change on select
- **9e2b555**: add scenarios page and modify editRecord component
- **0925389**: modify mood display circle, enable icon change
- **ae17b98**: enable delete mood log
- **c017d64**: modify Edit Record function
- **b1fcb97**: add edit record' selections to the mood display component
- **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

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

#### Status of planned activities

<b>Planned accomplishments in this period:</b>
<ul style="list-style-type: none"> <li>• Set up version control system</li> <li>• Install development tools</li> <li>• Define database schemas</li> <li>• Create UI wireframes for screens</li> <li>• Deploy development server to backend</li> <li>• Write Testing Stories according to existing functions</li> </ul>
<b>Planned but not accomplished:</b>
<ul style="list-style-type: none"> <li>• OAuth login flow, much trickier than expected</li> </ul>
<b>Planned actions for the next period:</b>
<ul style="list-style-type: none"> <li>• Improve login flow</li> <li>• Improve theme toggle</li> <li>• Develop OpenAPI and Swagger UI for API documentation</li> <li>• Improve Frontend UI for mood logging</li> <li>• Establish Backend endpoint for mood logging</li> </ul>

#### Project issues summary

ID	Priority	Issue Description	Impact Summary (Milestone, Schedule)	Action Steps
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			<i>Scope, Resources, Space...)</i>	
<i>N/A</i>	<i>N/A</i>	<i>N/A (Currently, there are no unresolved issues reported)</i>	<i>N/A</i>	<i>N/A</i>

#### Project risk summary

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

#### Assistance Requests

<i>ID</i>	<i>Description including reference to impact on time, cost and quality (Iron Triangle)</i>	<i>Action Requested</i>
<i>N/A</i>	<i>N/A</i>	<i>N/A</i>