Project Status Report II

Date of Report Issue/Prepared: MAR 09, 2025

Report Prepared By Team members: JustinYeh,   LuilsonSousa ,   Fab Pisco

Employer/Organization:

Project Name:	Convert Master
Project Team:	Group 7
Period Reporting:	Start Date: **Feb 01, 2025** End Date: **Mar 07, 2025**
Overall Project Health	Green (Good) - Yellow (Warning) - Red (Bad)

The project is progressing as planned. Key features have been successfully implemented, and team members are working on their assigned tasks.

Summary

Project Status Summary

The project is currently on track. User authentication, including registration and login, has been tested and verified. The conversion page has been updated with dropdown selections for currency and unit conversions. Real-time exchange rate retrieval and conversion algorithms are in progress.

Accomplishments As Planned	**Planned but not Accomplished**

User registration and login functionalities were tested and confirmed to be working, signup confirmation. (Luilson).	Complete implementation of real-time exchange rate retrieval and conversion algorithms () *Reason:* Additional time needed for API testing and debugging.
Conversion page updated with dropdowns for currency and unit selection debugging, testing, new back button on conversion page (Fab).	Full end-to-end testing of new conversion features (Team). *Reason:* Pending completion of API integration.
Research and initial implementation of Free Currency API integration, drop down menu (Justin).	New UX/UI features to be added for an artistic look. Approval from our team and not ready to implement.

Upcoming Objectives for **Mar 08, 2025 to Mar 27, 2025**

- Complete the integration of the Free Currency API for real-time exchange rates.
- Finalize and test all conversion algorithms.
- Conduct full system testing and debugging.
- Prepare for final project submission

	Planned Activities/Tasks for Next Period		
Activity/Task	Assigned To <name/s>	Duration <days>	Date
Continue improvement Complete API integration	Justin	5 days	March 12, 2025
Continue Implement and	Team	7 days	March 15, 2025

test conversion algorithms			
Live Full system testing	Luilson	5 days	March 20, 2025
Debug and finalize system	Fab	7 days	March 27, 2025

Milestones for Next Period		
Milestone (Objective)	Assigned To	Delivery Date
API integration complete And other implementation library	Justin	March 12, 2025
Conversion algorithm tested and add on UX/UI	Luilson	March 15, 2025
Full system tested and debugging, code documentation	Fab	March 27, 2025

Managing Issues and Risk (for current reporting period and next period)

Issues/Problems	**Resolution Strategy**	**Due Date**
API integration delays	Debug and test API requests thoroughly	March 12, 2025
Accuracy of new add on plug-ins conversion calculations	Implement unit tests and verify formulas	March 15, 2025
Better design for User input validation	Add input validation logic	March 20, 2025

for dropdown selections		

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy
API service downtime	Medium	High	Implement fallback exchange rates
Bugs in conversion formulas	High	High	Conduct thorough testing
Delays in testing and debugging	Medium	Medium	Allocate additional time

NOTE: Attach additional sheets if insufficient space available

Submission Guidelines:

Please submit as "W25_T<team number>_ProjectReport2".
For e.g., W25_T99_ProjectReport2

This is a group submission i.e. one per group.

Due Dates:

Sunday, Mar 09, 2025 (11:59 p.m.)