**Contribution Tracker**

**Anthony**

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| **Date/Week:** | **Items** |
| 5th Jan 2025 | * Researched project ideas   + Outlined a set of basic features   + Outlined the importance/novelty of each project idea   + Researched a recommended tech stack     - Found and sent tutorials/documentation that would be necessary based on the project idea * Completed the following sections in the project proposal:   + Explanation of the problem   + Importance   + Modified basic features   + Tentative timetable * Assisted in meeting scheduling |
| 12th Jan 2025 | * Created multiple user stories and added them into the release planning document * Played a crucial role in sprint planning including assigning user stories and describing the tasks necessary for the sprints |
| 19tht Jan 2025 | * Presented the release planning document in the scheduled release planning meeting with the TA and the Professor * Completed a research spike to fill gaps in my understanding of the tech stack   + Next.Js   + Tailwind CSS   + GitHub Refresher and VS Code Extensions   + Open AI APIs * Added checkpoint files and created a README for the github repository |
| 26th Jan 2025 | * Completed both Sprint 1 Process Models * Organized Group 10- Github |
| 2nd Feb 2025 | * Uploaded complete process models * Tested and uploaded Skye’s front end skeleton. * Redesigned header & other front-end components * Created the full income and expense sections including the addition of income/expenses and their management. |
| 9th Feb 2025 | * Complete progress report 1 design and implementation sections. This entailed provided screenshots, links, detailing descriptions reasoning and other related components for the progress report. * Assisted Tyler with the database integration of the front end pages I previously created. |
| 16th Feb 2025 | * Reworked the dashboard so that it aligned more with the functions/goals of the user on this page. * Fixed responsiveness issues with both the header and dashboard. * Fixed Z-index issues with mobile header integration |
| 23rd Feb 2025 | * Further designed the dashboard so it fits the goals and items that would be included for Sprint 2. This included an Ai chat button, report generation buttons, recent activity and 2 charts to visualize the users finances. * Created sales tax and custom category front-end sections for the income and expenses page. * Created the inventory management page in a similar format as income and expenses. * Laid out the front end groundwork for back-end integration between the inventory and income/expenses page. |
| 2nd Mar 2025 | * Improved the landing page to better fit the site theme * Updated the dashboard to include a recent activity section. * Created a transactions page that allows users to view both their income/expense transactions all in one page, accessible from the dashboard. * Created the report generation section & functionality. This included the ability to generate both PDF and CSV version of report files that fall under the filtering described by the user. The documents completed were the income statement, transaction summaries & inventory report. |
| 9th Mar 2025 | * Completed manual testing on new front end and testing additions made by other group members. * Researched technical stack necessary for the AI implementation in sprint 3. |
| 16th March 2025 | * Updated Read Me section and links * Updated the Report CSV and Income/Expense transactions PDF and CSV * Conducted comprehensive manual testing on report functionality * Created the Sales Tax Report and further modified PDF sizing and filters |
| 23rd March 2025 | * Reverted faulty front end additions and ensured vercel compatibility * Created AI-Chat Page * Connected AI-Chat to Claude 3.5 Sonnet Anthropic API * Created a system level prompt to support casual discussion and formal consultation * Created proper markdown formatting for page visual appeal * Conducted comprehensive manual testing on AI-chat speed and outputs * Fixed subscribe functionality and front end state management |
| 30th March 2025 | * Uploaded necessary system design PDFs to github so that they can be linked in the final report * Created Table of Contents, AccuTrack Overview, Requirements Document, Installation Manual, Technical Stack, Project Structure and formatting for the Final report * Assigned final report subsections to group members based on their expertise/role |

**Jacob**

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| **Date:** | **Items** |
| 9th Jan 2025 | * Nominated as a Product Contributor * Project proposal document:   + Overall Description   + Basic Features Section * Meeting Minutes document: rough action items |
| 14th Jan 2025 | * Collaborated to build and organize the Jira boards into sprints. * I worked on planning documents, describing the intro, user story overview, and team member contribution. * Worked with team to provide insight for the user stories |
| 21st Jan 2025 | * Conducted research for finance app   + Javascript   + HTML   + etc * Designed the Usecase diagram and the abstract process model |
| 28th Jan 2025 | * Created the initial draft for the Figma front-end design |

**Rouvin**

**Meeting wise Contributions:**

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| **Date:** | **Items** |
| 9th Jan 2025 | * Nominated as Product Owner * Project proposal document:   + Overall Description   + Basic Features Section   + Time Table (Structure + 10% of content) * Meeting Minutes document: rough action items |
| 14th Jan 2025 | * Release planning Document:   + Created release plan template   + Added partial content for user stories and sprints * Set up Jira Project (Test) with members * Added tasks/ User Stories to the Jira board, created custom fields, assigned tasks, etc. |
| 21st Jan 2025 | * Updated Jira board with completed/ ongoing tasks * Moved meeting minutes folder from Google Drive into one drive |
| 28th Jan 2025 | * Learned and implemented YouTube tutorials (finance app) including:   + Javascript   + Typescript   + React   + Drizzle   + Clerk   + Shadcn   + Etc. * Created User authentication diagram and rough process diagram |
| 4th Feb 2025 | * Updated Jira board with weekly tasks * Created landing page (header, footer, hero) as per Figma designs * Redirected buttons to Sign up/ Sign in * Removed redundant .json files from GitHub main |
| 11th Feb 2025 | * Updated Jira board with weekly tasks |
| 18th Feb 2025 | * Set up and added content to Progress Report 1 |
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**Sprint 2 - Meeting wise Contributions:**

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| **Date:** | **Items** |
| 25th Feb 2025 | * Updated Jira board with Sprint 2 backlog:   + User stories 1-3   + Member specific tasks |
| 4th Mar 2025 | * Added updates to landing page:   + Removed bento hero layout   + Added logo with animation   + Added interactive elements   + Added Application images   + Updated footer |
| 11th Mar 2025 | * Added updates to Dashboard page:   + Added new cards   + Changed bar chart to stacked bar chart   + Moved filters   + Updated theme * Edited inventory, expenses and income pages:   + Edited/ standardized themes for all pages   + Made manage table larger and added frosted effect   + Changed loading pop up * Pushed changes to main branch |
| 18th Mar 2025 | * Updated Jira board * Updated Dashboard:   + Fixed filters on dashboard   + Fixed monthly comparison graph tool tips * Updated themes for Transactions and Reports pages * Set up and Added content to Progress Report 2 Document. |
| 23rd Mar 2025 | * Updated Jira board * Made all inventory themes (text & hover effects) the same as income and expenses |

**Sangmitra**

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| **Date:** | **Items** |
| 9th Jan 2025 | * Product designer * Project proposal document:   + 2 user stories   + Assisted with organizing release sprints * Assisted to update meeting minutes document |
| 14th Jan 2025 | * Added tasks/ User Stories to the Jira board, created custom fields, assigned tasks, etc. |
| 21st Jan 2025 | * Research for finance app * Watched and created mock financial applications by following tutorials to learn our development stack. |
| 28th Jan 2025 | * Contributed to functionality edits on the Figma front end design, worked on the landing page, sign up page, and login page design on Figma * Helped Jacob and Rouvin with login, signup and dashboard pages |
| 4th Feb 2025 | * Created the sign up and sign in pages for the application   + Redirected buttons to the pages appropriately   + Changed the logos and wallpapers   + Fixed bugs in the .json files |
| 11th Feb 2025 | * Researched testing frameworks |
| 18th Feb 2025 | * Helped with Front end integration with back end * Test cases for front end and back end design   + Used Jest and Node for testing environments   + Created unit tests to test the front-end of the header, sign-in, sign-up components   + Created unit tests to test the back-end (mock) of the sign-in and sign-up   + Created integration test to test the complete functionality of the sign up process * Fixed the issues with the footer * Project proposal document   + Worked on the testing section |

**Sprint 2 - Meeting wise Contributions:**

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| **Date:** | **Items** |
| 25th Feb 2025 | * Fixed issues in the testing and completed the clerk integration tests |
| 4th Mar 2025 | * Modified the test cases based on the changes to the header, footer, and landing page |
| 11th Mar 2025 | * Worked on test cases for the backend functionality   + Wrote one test case |
| 18th Mar 2025 | * Extensively testing the backend with a test case * Wrote test cases for the dashboard and testing the various components of it   + Tested the rendering of each component and the backend integration of the same using 4 new test cases including the backend test |
| 23rd Mar 2025 | * Worked on the project report and the end-to-end testing set up. |

**Skye**

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| **Date:** | **Items** |
| Throughout Project | * Scrum Master * Created a weekly agenda for each scrum meeting * Took meeting minutes and organized clear action items/goals for the week * Helped establish deadlines for action items and ensured that team members were aware of and equipped to complete their tasks |
| 9th Jan 2025 | * Completed the SE process section of project proposal |
| 14th Jan 2025 | * Established meeting times with our TA to discuss the research planning document and biweekly meetings * Helped organize and separate user stories for the research planning document * Laid out the dates and helped plan out goals for sprints and progress reports on the planning document, making sure that the pace was manageable for the team and enabled us to have sufficient progress for each report |
| 21st Jan 2025 | * Took notes for the research planning meeting with TA * Researched front-end tools in the stack |
| 28th Jan 2025 | * Took notes for the biweekly meeting with TA * Researched and discussed which design diagrams the team wanted to create for the project * Assisted with the development of the process diagrams * Created the front-end skeleton for the application, with different pages for parts of the application (income, dashboard, etc.) and basic sign-in page using Clerk   + Tested the front-end skeleton for proper log-in and page redirects |
| 11th Feb 2025 | * Finalized the Clerk authentication for the application to ensure only signed-in users are authorized to access the dashboard and other access-limited pages * Explained the steps for the other developers to correctly implement the Clerk authorization as well |
| 18th Feb 2025 | * Completed the Scrum Meeting section of the progress report and added links to github contributions |
| 25th Feb 2025 | * Took notes for the progress report meeting with TA * Created a document and held a meeting for the sprint 1 retrospective and sprint 2 planning |
| 4th March 2025 | * Researched the testing stack and testing methods * Met with Sangmitra to discuss what pages we want to test and how |
| 11th March 2025 | * Took meeting notes for biweekly meeting with TA * Created tests for income and expense pages and began making integration tests for the income pages |
| 18th March 2025 | * Completed unit and backend tests for income and expense pages * Created unit tests for inventory pages * Worked on the scrum and testing section of progress report and updated github with meeting documents |

**Tyler**

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| **Date:** | **Items** |
| Throughout Project | * Project backend designer & database administrator * Project proposal document:   + 1 user stories   + Proofing and editing * Designed initial database schemas |
| 9th Jan 2025 | * Outlined the proposal technical stack |
| 14th Jan 2025 | * Sourced web hosting and database vendors (initially Vercel w/ Neon PostgreSQL) * Configured and deployed the development and production domains via Vercel |
| 21st Jan 2025 | *Out of the country for a conference* |
| 28th Jan 2025 | * Created initial database and tested schema validations * Mocked up React integrations for database state * Researched client/server ORM libraries, settled on Prisma, worked on integrating & troubleshooting Prisma integration |
| 11th Feb 2025 | * Implemented the Add/Manage Income and Expenses screens with full database state * Implemented Clerk user tracking per database entry, revised schema * Sourced and hosted a self-hosted PostgreSQL instance to replace a problematic serverless platform * Began work on Zed schema validation to prevent erroneous income/expense entries |
| 18th Feb 2025 | * Reviewed existing implementation, met with group members to discuss database blockers & necessities for next sprint. |
| 25th Feb 2025 | * Updated null entry behavior for management pages. * Added database logic to support custom tags. |
| 4th Mar 2025 | * Added integrations for inventory management * Updated the front-end system to support a connection with the database for inventory * Added front-end and middleware logic to support custom tags & tag creation on definition |
| 11th Mar 2025 | * Added inventory tie-in with expense/income creation (allowing items to be added/removed with respect to new income/expense streams) * Added the remaining logic to the inventory management page |
| 18th Mar 2025 | * Reviewed existing logic with group members for bugs and implementation errors. * Repaired sales tax autofill behavior * Investigated pooled connections for self-hosted PostgreSQL |