**Mobile Application Development – Log Sheet**

**Group Members:**

1. Gerson Shawapala - 223066079
2. Geoffrey Sankandi - 222034726
3. Mauritius - 223112399
4. Nathan Sachika - 222101482

Link to GitHub repository: <https://github.com/Natonae7/Map-group-assignment.git>

**Log sheet**

| **Date** | **Team Member** | **Role** | **Activity** | **Remarks** |
| --- | --- | --- | --- | --- |
| 28/04/2025 | Nathan | Project Manager / Front-end | Kickoff meeting held with team to define objectives, assign roles, and outline system requirements. Created project timeline and milestones. | All team members present. Initial scope approved. |
| 29/04/2025 | Gerson | Back-end Developer | Began researching frameworks suitable for system back-end. Considered Flask, Express.js, and Django. | Need to bring up for discussion with the team |
| 30/04/2025 | Geoffrey | Assistant Back-end Dev | Assisted in compiling requirements for database design and REST API structure. | Collaborated closely with Gerson to finalize initial schema. |
| 01/05/2025 | Nathan | Project Manager / Front-end | Led UI/UX planning meeting. Decided on minimalistic design, mobile-first layout. | Team feedback was collected and integrated. |
| 02/05/2025 | Mauritius | Assistant Front-end Dev | Assisted Nathan in converting HTML into Flutter mockups | Completed initial structure for responsiveness testing. |
| 03/05/2025 | Gerson | Back-end Developer | Set up back-end environment. Initialized API endpoints for login and registration modules. | Development environment confirmed functional. |
| 04/05/2025 | Geoffrey | Assistant Back-end Dev | Created database structure (MongoDb). Developed schema for users and authentication. | Successfully connected database to back-end API. |
| 05/05/2025 | Nathan | Project Manager / Front-end | Held progress review meeting. Assessed status of backend and frontend development. | Adjusted timeline to allocate more frontend development days. |
| 06/05/2025 | Nathan | Front-end Developer | Developed and implemented login and signup UI components. Connected frontend with API using fetch requests. | Basic authentication UI completed. |
| 07/05/2025 | Mauritius | Assistant Front-end Dev | Conducted bug testing for login/signup interface. Reported UI alignment issues and minor responsiveness bugs. | Logged bugs into team tracker. |
| 08/05/2025 | Gerson | Back-end Developer | Developed logic for user authentication, JWT token handling, and error responses. | Integrated error handling across endpoints. |
| 09/05/2025 | Geoffrey | Assistant Back-end Dev | Assisted with token validation logic and created helper functions for authorization middleware. | All security middleware successfully tested. |
| 10/05/2025 | Nathan | Project Manager | Encouraged team to improve inter-team communication. | Introduced daily check-ins via group chat. |
| 11/05/2025 | Nathan & Team | All Roles | Brainstormed dashboard features and began planning analytics components. Distributed sub-tasks to backend and frontend team members. | Clear goals defined for next sprint. |
| 12/05/2025 | Gerson | Back-end Developer | Developed new API routes for dashboard statistics. Optimized data fetching functions. | Routes tested using Postman. |
| 13/05/2025 | Geoffrey | Assistant Back-end Dev | Helped refactor old code | Code quality improved. |
| 14/05/2025 | Nathan | Front-end Developer | Implemented dashboard frontend layout | Partial functionality achieved; aesthetics to be improved. |
| 15/05/2025 | Mauritius | Assistant Front-end Dev | Conducted user testing with sample data. Collected feedback and logged issues regarding inconsistent chart loading. | Feedback documented for revision. |
| 16/05/2025 | Gerson | Back-end Developer | Finalized back-end structure. Ensured all routes are documented and functioning. Deployed back-end to Heroku for review. | Bugs prioritized and assigned for fix. |
| 17/05/2025 |  | Front-end Dev / Project Mgr | Finalize documentation | Documentation sent to Nathan for team use. |
| 17/05/2025 | Geoffrey | Front-end / Backend dev | Finalized frontend and ensured seamless integration with live backend. Verified design consistency. | System visually and functionally complete. |
| 17/05/2025 | Team | Team | Project upload ready | Submission |