

PROJECT PLAN DOCUMENT

Team number	10
Project Title	Airdrop Insurance Deployment
Document	Project Plan
Creation date	15-02-2023
Created By	Team Members: 1. Rohit Gowlapalli 2. Kadali Lakshmi Nirmala 3. Losetti Srivatsa Ajay Mourya 4. Vempati Siva Koti Reddy
Client	Venkata Maddala (Airdrop Insurance)

Brief problem statement

The Airdrop Insurance initiative in the Gurue District of Mozambique aims to provide a social safety net for the financially disadvantaged through a voucher system. This system can be accessed through a mobile platform, allowing businesses & residents to purchase personal and crop insurance. The vouchers can be redeemed for the local digital currency or other goods. The program also leverages collective risk to gain stronger bargaining power in reinsurance negotiations. Our aim is to improvise the app that has been provided and to remove various privacy issues from it. Our Primary Goal is resolving privacy issues and deploying it in google play store. And then, adding extra features and testing is our task.

Team Members

1. **Rohit Gowlapalli** : Evaluating Existing Codebase, Fixing errors, Testing features of the app , Adding new features, Contacting Google Helpline ,Deploying Application, API Design.
2. **Kadali Lakshmi Nirmala** : Evaluating Existing Codebase, Fixing errors, Testing features of the app , Adding new features, Contacting Google Helpline , API Design, Deploying Application
3. **Losetti Srivatsa Ajay Mourya** : Working on testing methods, looking into methods to do simulation, APIs Design for Monte Carlo Simulation (server), Working on backend in adding features.
4. **Vempati Siva Koti Reddy** : Making Project Related Documents, testing features of the app, working on adding features (frontend and backend).

Team Communication

We meet every Wednesday in the Workspace to discuss our proceedings and ideas. We communicate with our Client in a weekly manner.

We share resources and converse on Whatsapp and Discord both.

We have Team meets over Discord twice a week.

Development Environment

Development Environment - Android Studio and VSCode , connected to an Android Device using Debug Mode in Developer Options

Programming Language - Flutter , Firebase , Solidity , Web3

Tools - Microsoft Word and Google Docs for creating documentation, GitLab for distributing work , UML Diagrams prepared using LucidChart , App Deployment on Google Play Console , Scrum sheet using spreadsheet, Project slides using Canvas.

Milestone Schedule

Milestone	Due Date	Release	Deliverable?
Finalize requirements	25-01-2023	R1	Yes
Evaluating the CodeBase and Fixing Errors - DRAFT	01-02-2023	R1	Yes
Evaluating the CodeBase and Fixing Errors - CODE	06-03-2023	R1	Yes
Community Manager Election Functionality - DRAFT	06-03-2023	R1	Yes
Community Manager Election Functionality - CODE	06-03-2023	R1	Yes
Community Manager Election Functionality - TESTING	06-03-2023	R1	Yes
Deploying the App on GooglePlayConsole - TESTING	06-03-2023	R1	Yes
Insurance Claim using Monte-Carlo Simulation - DRAFT	06-03-2023	R1	Yes
Insurance Claim using Monte-Carlo Simulation - CODE	06-03-2023	R1	Yes
Insurance Claim using Monte-Carlo Simulation - TESTING	10-03-2023	R2	No