

Mobile Monitoring App.

Requirements and Specification Design

Project Vision

- The client proposed a *mobile monitoring app* which is intended to:
 - promote readiness in digital forensics
 - protect users from malicious entities and activities
 - provide proactive measures that are undertaken by the mobile device user or owner

Project Vision

- The app is expected to :
 - monitor user activities and collect data/logs
 - it then has to report the data to the dashboard on a desktop computer
 - the generated reports will give the investigator a good starting point during a mobile device investigation

System Design

- Agile Development Methodology
 - this will enable us to have a flexible response to change, early delivery and continuous improvement
- Functional Requirements
 - manage user accounts
 - collect mobile data/logs
 - report data to the dashboard

System Architecture

- Non-Functional Requirements

- auditability

- reliability

- security

- maintainability

- efficiency

Technologies

- Android Studio (IDE)
 - latest recommended IDE, which will help in achieving MMAs quality requirements
- HoneyComb (API 13)
 - minimum Android version MMA will support
- GitHub (version control)
 - for better collaboration between development

App Flow

