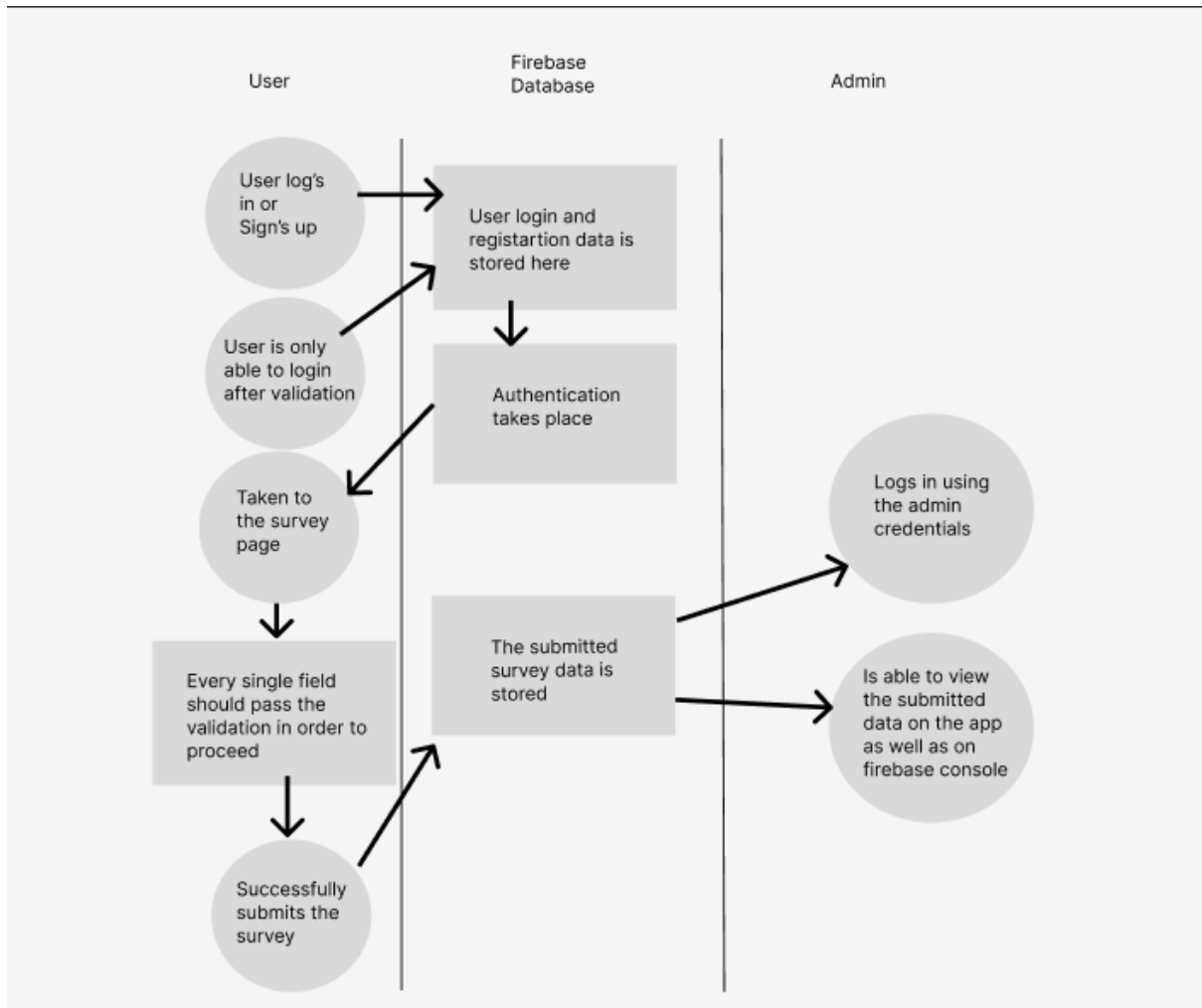


## Project Design Phase-II

### Technology Stack (Architecture & Stack)

Date	26 October 2023
Team ID	590968
Project Name	Public health enhancement Survey
Maximum Marks	4 Marks

#### Technical Architecture:



**Table-1: Components and Technologies:**

S.no	Component	Description	Technology
1.	User Interface	How a user interacts with the application	Jetpack Compose and Kotlin
2.	Application Logic-1	User login and registration	Jetpack Compose and Kotlin
3.	Application Logic-2	Validation, authentication and redirection	Firebase authentication, Jetpack Compose, Kotlin
4.	Database	Realtime database	Firebase Database
5.	Cloud Database	Database service on Cloud	Firebase Database
6.	File Storage	For user survey storage	Firebase Database
7.	Infrastructure (Cloud)	Application Deployment on Cloud	Firebase app distribution

**Table-2: Application Characteristics:**

S.no	Characteristics	Description	Technology
1.	Scalable Architecture	Scalability is achieved through firebase	Firebase
2.	Availability	Traffic management by firebase	Firebase
3.	Performance	The number of requests per second of the application.	Taken care by firebase