

**Technologies for Release Number 1**  
**Deadline :28-02-2018**

- **Deliver the community part of the app, basically the user profile part and**
- **UI Team is going to call the firebase directly, which is going to be intermediate until the services is going to be created.**
- **Convert UX output to working App**

**Functional Requirements Delivered**

- **The same Functional requirements of the current system**

**Non Functional Requirements**

- **Performance of System is going to be totally dependent on firebase**

UI	Backend	Source Control	
React Native	Firebase Real-time Database	GIT	

## Technologies for Release Number 2

### Functional Requirements Delivered

Deadline :01-04-2018

- User Boarding Gamification Output
- User Profiles
- User Posts, Likes
- User Market
- Pro Projects
- User Subscription Plan and User Verification Levels with payment gateway's integration.
- User Badges and Pointing
- User Followers and Following.
- Basic Analytical Reports are going to be created

### Non Functional Requirements Delivered

- Response Time is not going to exceed reasonable amount of milliseconds, will be measured later
- Scalability is going to be great with Vert.x , we can increase number of working instances based on the current load on the system .
- System is going to be secured based on Firebase Authentication system.

UI	Backend	Source Control	Comments
React Native	Firebase Real-time Database	GIT	
	Firebase Cloud Firestore		
	Google App Engine with Vert.x server runs on it		Vert.x Engine could handle about to 50 thousand concurrent user with 16 GB RAM and 4 Core Processor Vert.x could utilize the multi-threading nature of the current CPUS
	Firebase Notification Engine		
	Firebase Pub And Sub Services		