

Technology Bucket :- Software – Web App Development

Ministry Name :- DIPP

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Category :- Software

Problem Code :- DM8

College Code :- 1-3330294993

Idea / Solution / Prototype

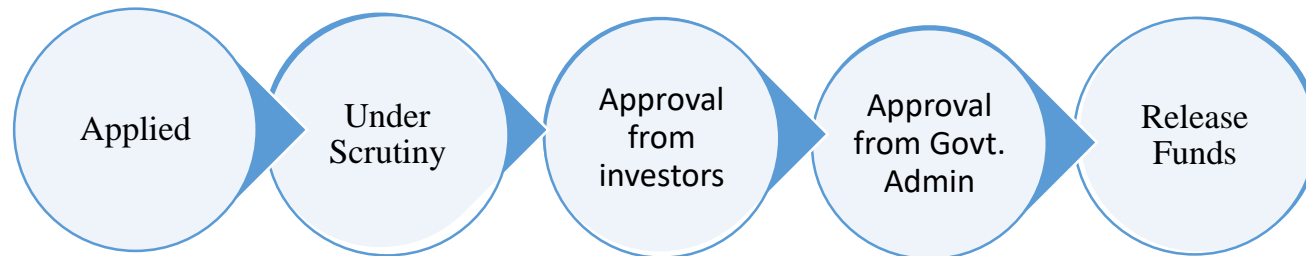
- Financing Platform for Startups is Web Portal dedicated on providing automated , easy to use and complete functional system for accessing funds provided by investors and government which gives flawless and authentic way to complete the procedure of accessing funds considering each stage of startup. The Platform is modularized and provided access according to the primary users and their responsibilities :

1. Startup 2. Investors 3. Government Administrator

- Startups:**

- Profile of Startups will be generated by **fetching data of recognized startups** from Startup India Hub. Startups maturity will be calculated on the basis of factors like business model , scalability, competition, market size ,requirement of funds.
- During the growth of startups financial support is needed, for this purpose the Government of India has started Fund of funds of startups where startup can request for funds to SIDBI , according to **technology bucket and calculated maturity** of startups the list of investors will be recommended to startups and then startups will apply for funds to investors from 17 VC funds of SIDBI, this will automate the process of receiving funds from investors.
- During request for funds the **application form will be generated automatically** based on requirements of funds by startups along with their current profile. Startups will have ability to **track the progress** of request made in the application's status timeline.

Timeline of application :



Investors :

- i. Profile of investors will be generated by fetching the details from **the investors' portfolio or website**. According to the details of investors and investment history of investors, the range of classes of startups will be recognized to which the funds will be provided .
- ii. Investors will **evaluate the status of startups** and decide to approve/reject the request made by startups. Also investors can send back the applications to startups for required/mandatory changes in application so that startup can reapply and henceforth funds can be released.
- iii. Based on the number of startups funded by investors, they can requests for more funds to Government for the particular startups. Depending upon the **growth rate of every startup** investors can manipulate the supply of funds.

Government Administrators :

- i. They are responsible for **managing investors and startups** for providing and accessing different kinds of funds. Government Administrator can **access the record of startups and investors** for monitoring the funds to create effective statistics on the basis of various parameters and nature.
- ii. Administrator can generate various **interquartile statistical reports** depending upon numerous parameters like Funds Sanctioned, Growth of Startup, Demand for more funds by startups/investors.
- iii. They have provision to **analyze the activities** of investors during the process of releasing the funds and also they can notify investors or startups if administrator finds any **embezzlement** of funds.

Technology Stack

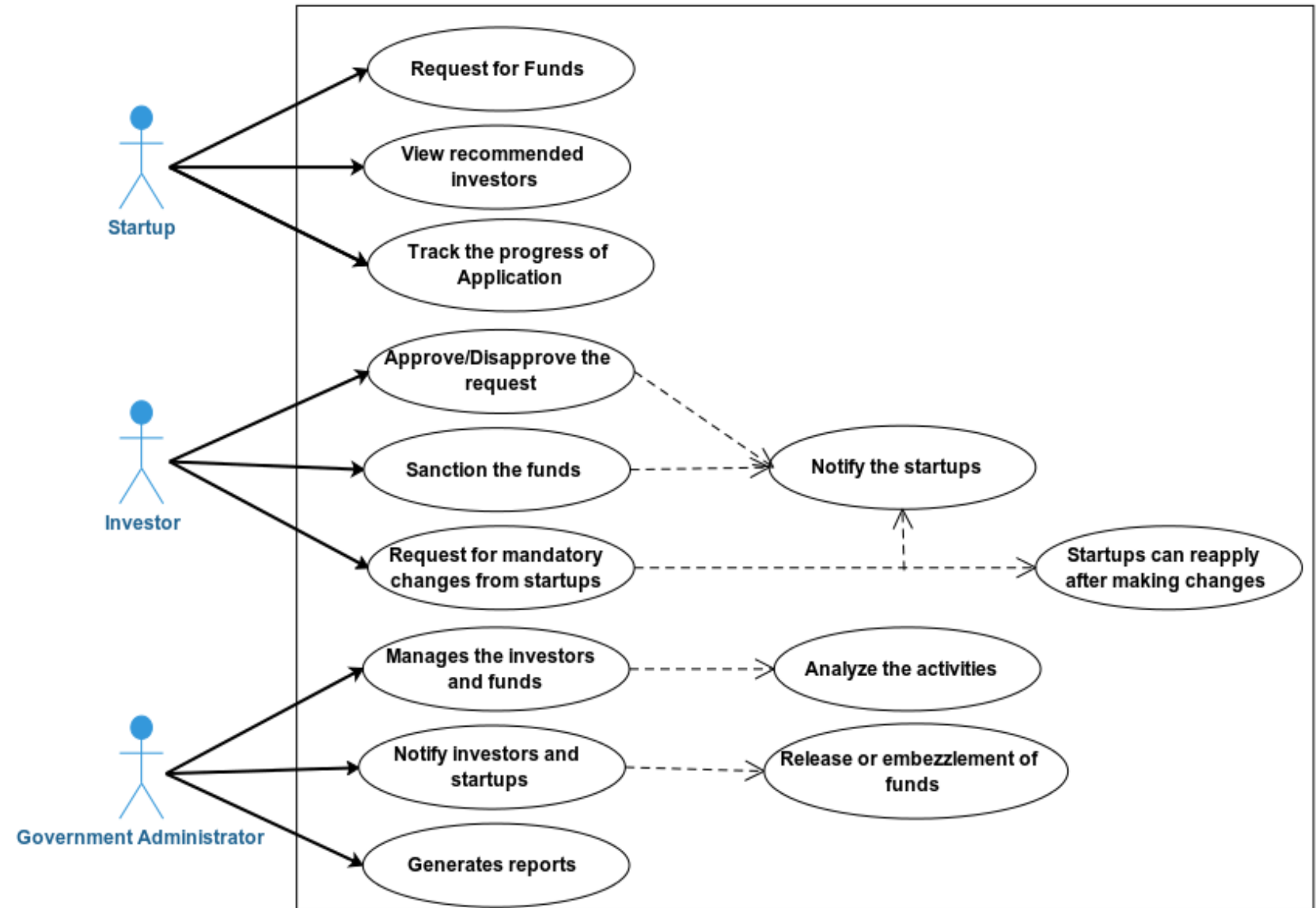
- Front End
 - Bootstrap
 - HTML,CSS3
 - Angular 6

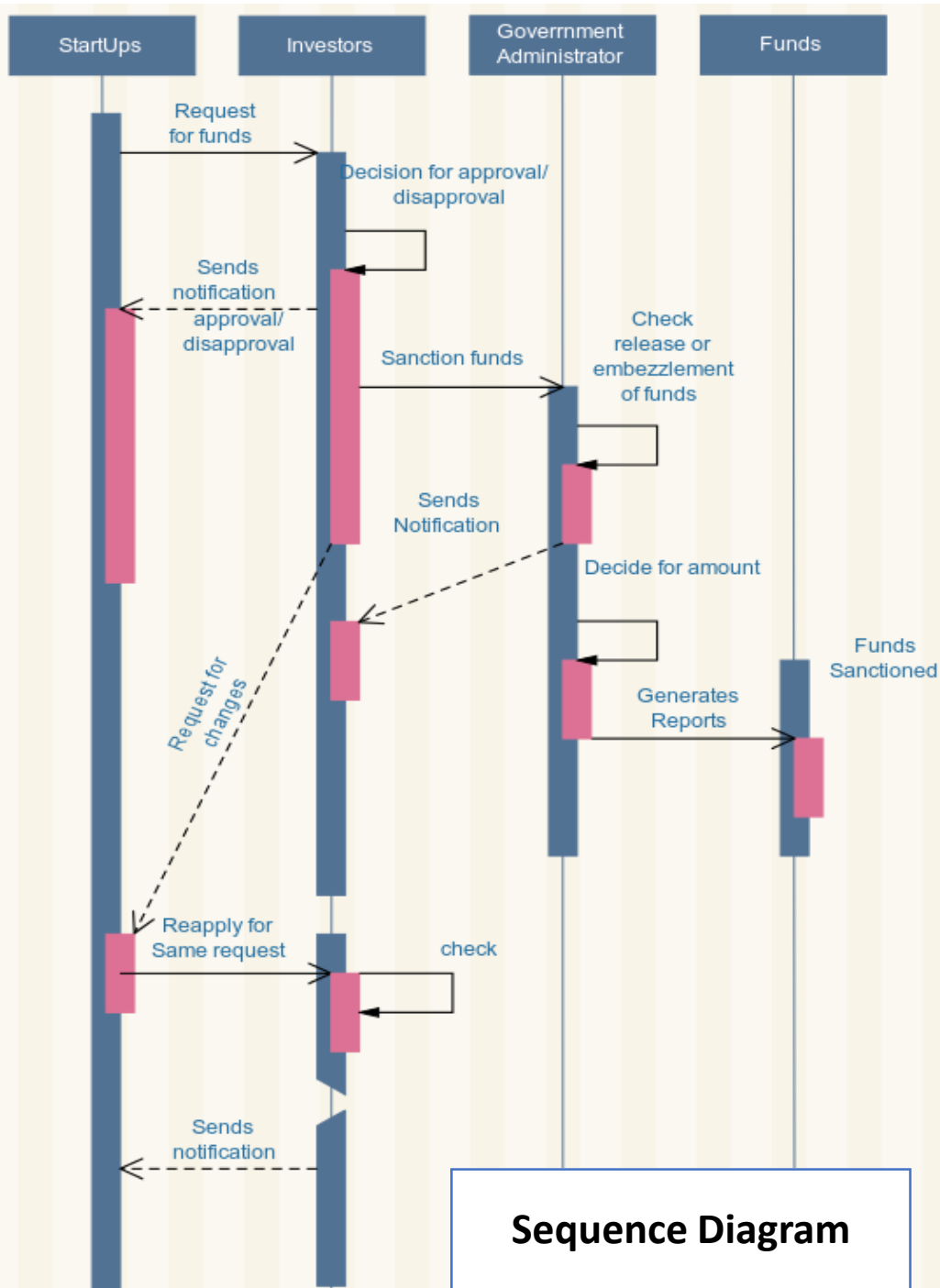
- Backend
 - NodeJS
 - ExpressJS
- Database
 - MongoDB

- Open Source Libraries
 - Charts.js
 - animate.css
 - owl.carousel.js
 - SheetJS

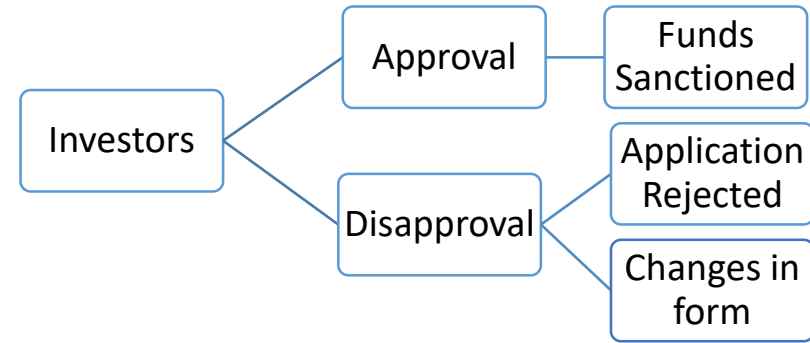
Use Case

Financing Startups Platform





Investors Process Flow



Dependencies / Show Stoppers

- Changes in Fund Policies.
- To identify the misemploy of funds by startups/investors.
- Collating the usage and information of funds sanctioned at lower level transactions of startups.
- Dealing with the lag stage will be critical path as the unstructured data of startups will be present.
- Portal Maintenance can lead to downtime.