**Idea/Approach Details**

**Ministry Category:** Central Ministry (DIPP)

**Problem Statement:** Platform for startups to avail mentor-ship support

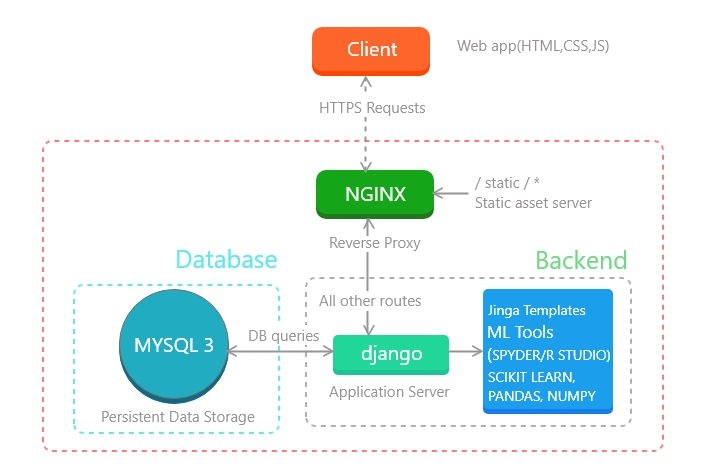
**Team Name:** Strange Snippets

**Team Leader Name**: Ayush Sahu **College Code:** 1-3669181121

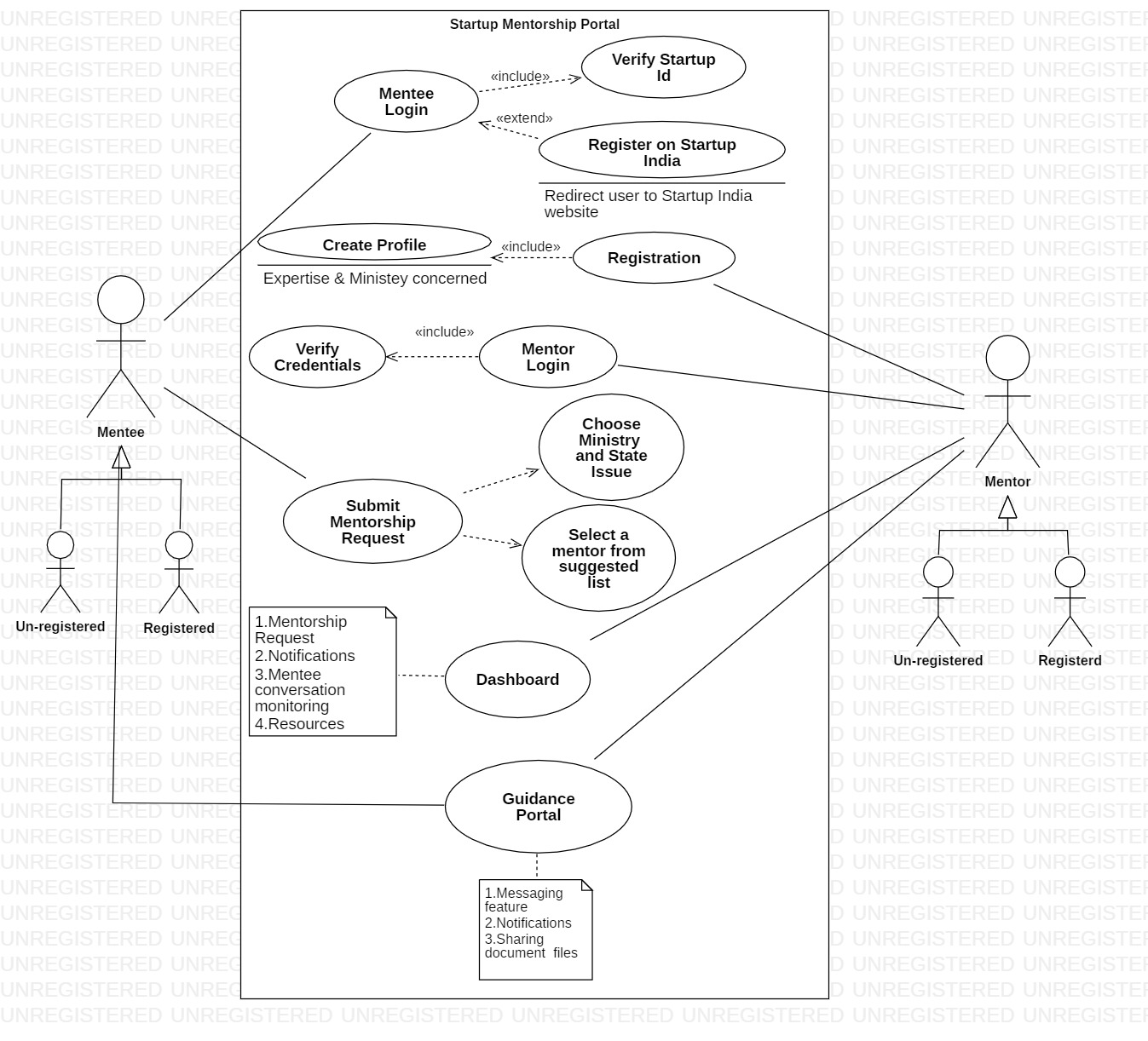
**Idea:** To create a web-app that provides a platform to connect a mentee with the right Professional Mentor from various Central Government Departments based on their field of expertise where the match is concluded from factors based on request posted by the mentee resulting in a suggestion of a list of possible mentors with the help of Machine learning. The platform empowers mentors with tools like messaging, resource sharing making the process effortless for them.

**Technology Stack:**

* Django: The web-app is primarily implemented in the Django Python web framework.
* HTML templates, JavaScript, etc. (open source libraries like Jquery etc. will be used) Jinga2 template engine will be used.
* NGINX/Apache can be used in production. We are using Django dev web server for development.
* MySQL is the database that stores all the persistent data.
* ML using Python operated by Spyder console using libraries like Numpy, MatPlotLib, Pandas and ScikitLearn.



**Use Cases:**



**Dependencies**

* We need to verify whether the e-mail address provided by the mentee registered under the startup India database, for which we need to have access over the login credentials database of the startup India. Here we will use a dummy database for the login credential verification.
* We also need the dataset of investors to provide the mentee, with the help of mentor, the appropriate mentor. For this we are using a dataset obtained from **“Kaggle.com”.**

**Show – Stopper**

* We need a dataset of Government officials who are appointed as mentors by the respective ministry for the mentorship. At least we need to know what are the parameters according to which government appoint these mentors, to create our dummy dataset. This is important because we will further use this data set for our ML algorithm.