**OOPM MINI PROJECT**

**RAILWAY CONCESSION APPLICATION**

**TEAM MEMBERS:**

* Mr. Pratik Panchal (60004188006)
* Mr. Prem Bhajaj (60004188001)
* Ms. Rucha Shinde (60004188022)

**ABSTRACT:**

Local trains are the lifeline of people in Mumbai, and students are no exceptions. Education without train travelling is a rarely seen case. Students (below the age of 25) are given a facility by Central and Western Railway, Mumbai, giving them a concession for train pass if they use the local train services for going to their educational institutes. Colleges in Mumbai provide students the railway train concession forms, issued by the Central and Western Railway, Mumbai, to avail the concession facility. Students have to wait for hours in a queue to get this form. The concerned college authority has a cumbersome task of filling the student details manually in the form. After analysing all the problems and requirements of the hour, the need for automation was strongly felt-Railway Concession Form System is an application that has automated the manual process which has many flaws. The perfection of data that this system provides to the institute and the government cannot be achieved with the manual proceedings. It aims at making the process efficient, quick and easy-going.

In this application we have two types of users, one being the administrator and other students. We have total four forms in this application, which are as below:

1. Sign-in
2. Request Application
3. View Application status
4. View Requests

The forms 1 and 4 i.e. Sign-in and the View request are used by the admin and forms 1, 2 and 3 are used by the students. The admin has the right to reject the requests of the student applications based upon the following criteria:

1. Applied twice at a time,
2. Applied 15 days before the expiration of current applications

When a student applies for the application, the request is set to pending, and after this the admin decides whether the application is approved or rejected based on above criteria.

The workflow for students:

The workflow for Admin: