**CSN-254**

**SOFTWARE ENGINEERING**

**Project: Recommendation System for CodeForces**

**Group no. 15**

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| **S.NO** | **NAME** | **ENROLLMENT NO.** | **EMAIL** |
| 1 | BALNE NITEESHA | 18114017 | bniteesha@cs.iitr.ac.in |
| 2 | DIKSHA | 18114019 | diksha@cs.iitr.ac.in  9929155847 |
| 3 | KARAN SINGH | 18114035 | ksingh1@cs.iitr.ac.in |
| 4 | KHUSHI | 18114040 | khushi@cs.iitr.ac.in |
| 5 | MANASVI | 18114046 | mpatidar@cs.iitr.ac.in |

**Recommendation System For CodeForces**

**Requirement and Specification Document**

**Date: 20th Feb, 2020**

**Version:1.1**

**1.1.1 Project Abstract**

**1.1.2 Customer**

**1.1.3 Competitive Landscape**

It is tiring to search “what to solve next?” in CodeForces site, our app helps to solve their problem by recommending users in a hybrid way and there also exists a website (https://acm-recommender.herokuapp.com/#/signup) to recommend problems for CodeForces users is developed by mohabamr. This can be said as our current competitor.

Analysis:

|  |  |  |
| --- | --- | --- |
| **ASSESSMENT** | **OUR PRODUCT** | **THEIR PRODUCT** |
| **UNIQUE CAPABILITIES** | Dynamic hybrid of user-based and item-based collaborative filtering. | Feedback |
| **BEST CAPABILITIES** | Handy app with best featured GUI facility. |  |
| **SAME CAPABILITIES** | Sign-in | Sign-in |
| **POOR CAPABILITIES** |  |  |

**1.1.4 System Requirements**

**1.1.5 Checklist:**

* All stakeholders into account
* Are the requirements specific enough about functionality
* Specification of non-functional requirements