***INDUSTRY-ACADEMIA INTERACTION FORUM - INTERACT***

***SOFTWARE REQUIREMENT SPECIFICATION :***

* ***INTRODUCTION***

1. ***PURPOSE-***

The purpose of this document is to provide the software requirement specification report for the  ACADEMIA-INDUSTRY INTERACTION (INTERACT) database

1. ***INTENDED AUDIENCE-THE USER CAN BE BROADLY CLASSIFIED AS***

1.STUDENTS

2.FACULTY

3.PEOPLE FROM INDUSTRY

3***) PROJECT SCOPE-***

The purpose of this online interactive forum is to create a strong Industry-Academia relationship where the flow of knowledge and information is the backbone and the basic idea to stimulate many young minds of various universities as well as give the industry an insight to various potential research and development which can be aptly used by it to implement for the social good.

The platform aims to bridge the gap between the industry and the academia by encapsulating them together with idea of nurturing unique and novel ideas and giving them right directions under the guidance of various researchers ,professors and people from the industry and translate it into a marvellous reality .

* ***OVERALL DESCRIPTION***

There are various ways one can use the forum

1.Students(associated with certain university)

2.Professors(associated with certain university)

3.People from the industry (professional)

The user once logins to the forum has the following features/activities

1**.Students**-

* Posting a question relevant/irrelevant to his/her domain by going to the req. domain on the forum .
* Answering a question posted under certain domain.
* Formation of groups for various purpose like Project, Industrial visits, Assignment, Global and National Challenges etc.
* Share ideas, messaging and interaction with people of similar domain
* Upload resume
* Participate in Online/Offline global/National challenges organized by various universities as well as industries like hackathon .
* Participate in addressing issues faced by industries like start ups, Small and medium scale industries and get an opportunities to collaborate with them on future projects as an intern.
* News feed: Various technical articles/updates of respective domains .
* Post and share your college achievements and research works and find interested people to collaborate with for the project idea.

**2.Professors ( Faculties)**

* Posting a question relevant/irrelevant to his/her domain by going to the req. domain on the forum .
* Answering a question posted under certain domain.
* Formation of groups for various purpose like Project, Industrial visits, Assignment, Global and National Challenges etc.
* Share ideas, messaging and interaction with people of similar domain
* Participate in addressing issues faced by industries like stat ups, Small and medium scale industries and get an opportunities to collaborate with them on future projects as an advisor/Expert.
* News feed: Various technical articles/updates of respective domains .
* Post and share your college achievements and research works and find interested people to collaborate with for the project idea.
* Share online assignments with student groups, connect them with apt people from the industry or other faculty members of other universities on an interesting topic .

**3) Industries-**

* Conducting interdisciplinary and intradisciplinary challenges to hunt/reward bright and promising students.
* Promote their company and their domain of work, structure and customer base.
* Come up with questions/queries related to their business model and technical operations which may find great solutions from other professionals, students or professors .
* Provide internship opportunities to promising students and conduct industrial visits to create awareness as well as promote their work.
* Form groups to collaborate with students and faculties of certain universities for a meaning full project
* Messaging/interaction
* News feed-updates regarding their company, their achievements as well as the domain in which they are working.
* ***DASH BOARD (sub modules):***
* **User** category-student, faculty, professional
* **Domain**-Engineering-cse, mech, civil, electronics etc , Finance, Business, Medicine etc
* **Challenges/Contests** -online/offline
* **Field**s-CSE -- AI, Machine Learning, Algorithms, Data Base Systems
* **News feed**-articles/updates around the Globe
* **Questions/Answers**
* **Groups**
* **Assignments and Projects**
* **Internships and Industrial visits**