

Rabt website application

AP PROJECT



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# Abstract

The projects of this year where required to be focused on solving some problem in the field of education. The education domain is very vast and there is a lot that can be done in it. The project we choose is an improvement upon existing ideas. Linking of people is not a new thing, so this time around we wanted to link the students with the experts. Our project is not only focused for the enrolled students but also towards rising freelancer community.

**“A Linking Platform, which provides help on projects & connects with people that have expertise on a variety of topics.”**

**Introduction**

So our projects had many functional requirements and many non-functional requirements. Our functional requirements are

1. Registration of the user
2. Login of the user
3. Profile creation
4. Repository creation
5. Upload file in repository
6. Online chat
7. Calendar Management
8. Expert searching

Our non-functional requirements are:

1. System must be user friendly
2. System must be easy to deploy
3. System should store user’s profile picture
4. System must allow access to only authorized users
5. System must have compatibility with most of the platforms out there
6. System should require less resources to operate on the user’s device.

Our main focus was to meet as much of the requirements as possible. And we did as well.

**Literature Review**

There do exist websites which may be of assistance like “stackoverflow” and “Reddit”, but the former is limited to the questions asked only and the latter has many other drawbacks like, it is very difficult to find the right community for you, next even if you find a community there is not much in terms of sharing the source code with the community. So we wanted to overcome these drawbacks. We know that there are capable people out there and we also know that there are platforms which give create capability in terms of sharing the code and bringing everyone on the same page. We propose a solution to combine the highlights of both these websites, the best of both worlds, to give better assistance to students.

**Problem Statement**

Lack of guidance and knowledge about a particular field hinder people (especially students) from reaching their full potential in project development. They require assistance but most of the students don’t have connections to contact a senior or people with expertise. Students from small universities don’t have sources to maintain contact and receive help with projects.

People (especially students) who are doing projects have very precise and specific questions that arise during the project development. Their professors or anyone else with the knowledge in that domain can answer those queries but on an abstract level only. To completely satisfy the queries, the best guidance can be received from people that have already worked on the project that you need help with.

The problem holds an even higher merit for freelancers. For them projects are a source of income, so they cannot compromise its quality and are ready to invest ample time and resources into its development. Many freelancers cannot go for complicated projects because they have little to no idea on how to do it. And for them finding personal help and support is an even bigger problem.

# Objectives/Scope of the Problem

* The problem resides under the heading of education department.
* It will maintain a database containing information regarding the projects which have been worked on in the past.
* Online platform to get real time help with the help of a chat forum.
* Integration of numerous systems to get collaborative activities like forum, glossary, etc.

**Design**

At the heart of our project is the Moodle integration version 3.2.1. Moodle allowed us to develop our website application around it. Moodle is developed in PHP and it follows the best practices of PHP as Moodle is a very widespread and standard provider of LMS services.

**Implementation**

**Results**

**Conclusion**

**SDS**

Present in a separate document.