**Project Planning**

Arpita Giri, Sanghamitra Majumder, Subarna Paul, Anuraaga Nath

***Project Proposal***

Project Name

## Summary

An educational platform for all type of students especially for the needy children of vernacular medium. This platform will be developed for improvement in the communication skills, quiz system for various subjects to prepare for various exams. This will range for school students for their easier access to practice with best resources.

Existing market products on exam readiness limits to the limited resources and learning system which is systematic, we encourage learning with fun! We will include the learning with reward system and gamified rounds. This will engage more students and make learning more fun.

## Resources

Learning resources on the following are required:

1. Mathematics: Algebra, Geometry
2. Logical Reasoning
3. Data handling
4. Pattern matching

System Requirements for content creation:

1. OBS Studio for recording screen >> Open source application [Free]
2. Stylus for writing >> Available
3. Mic for recording audio >> Rs. 399 (have to buy)
4. Content upload media: YouTube, Instagram

AI assistance and RAG applications: Deepseek R1 (open source)

Development requirements:

1. React JS for web application
2. Excel as question set and GitHub for data and image storage (initial stage) >> later updated with AWS for full scale application.

Most of the project initiation is dependent on the available products of the developers’ personal usage front.

Approximate time required for collecting data and building initial app is estimated as 2 months.

## Roles of the project partners

1. Arpita Giri: Project Lead, Resource Hunter
2. Sanghamitra Majumder: Mathematics lead, Resource Hunter
3. Subarna Paul: UI/UX Designing, Database Manager.
4. Anuraaga Nath: Full stack Developer, AI/ML

## Convention of file storage

\*assets folder is for the image part only.

\* papers folder is only text part, as you can see only .txt files are in the papers’ subfolders.