

STUDY AID

Project Description

1 Project Overview

Our product features include live lectures, class participation through online quiz and graphical analysis.

2 The Purpose of the Project

To help students concentrate on and develop skills, be able to give their best in every class whether it be virtual or physical, use their valuable time efficiently, and guide them via graphical analysis.

Content

Our target is to distribute our product in underprivileged schools and colleges in most remote corners of the country. Additionally, we have planned that for every purchase of our product by a school or college that can afford our product, we will provide our product to two or three unprivileged schools/colleges free of cost.

Motivation

It's not just about ideas, it's about making ideas happen.

Considerations

Students are wasting vast amounts of their time on social media sites like Facebook, Twitter, Instagram etc. compared to the time they spend in classes. Furthermore, there is no way to check how regular they are to their studies.

Goals of the Project

Our goal is to enhance education system via modern technology and the things that it makes possible which were previously a bottleneck in the education system.

Measurement

To have an overview of user experience there will be a feedback option where users can share their experience and suggest what features we should integrate/modify.

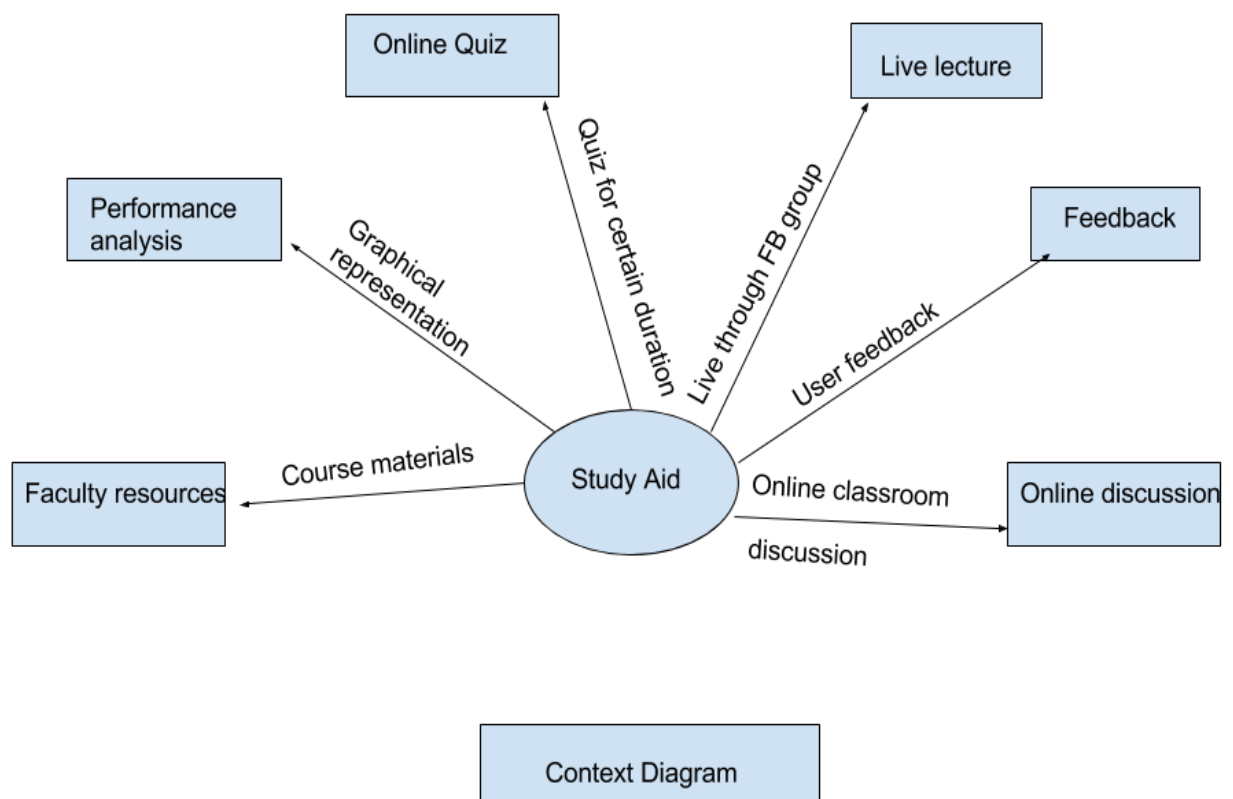
The Scope of the Work

The Current Situation

In our existing old fashioned educational system scheduling and taking exams and quizzes can become a complex task for faculty members. Faculty members have to waste their valuable time taking student attendance. It is not always possible that all students and faculties are able to attend classes on time due to transportation problems or other emergencies. Sometimes, it is not just students but even faculties miss the class which means faculties have to arrange extra classes and every student is not able to attend those classes.

Our goal is to provide a feature where faculty members can take live classes online and students can join the classes via the internet.

The Context of the Work



Event List

Event name	Input and output	Summary
1.Online Quiz	Set question & answer(in)	
2.Online discussion	Post status , comment and add attachment(in)	Discussion with group members under a certain class
3.Live lecture	Provide group id(in)	Live lecture through FB group
4.Feedback	Graphical analysis of student performance	Take necessary steps to guide students.

Competing Products

There are several quiz systems which provides features like online quiz, student attendance etc. But they do not take measurement of student performance. Our service provides analysis of student performance to the faculty by which faculties can take precaution and necessary steps to guide students. Faculty members have to waste their valuable time taking student attendance in existing educational system even during exams and quizzes. So, taking an exam/quiz is automatically used as student attendance and also to judge concentration and depth of knowledge about that a certain topic.

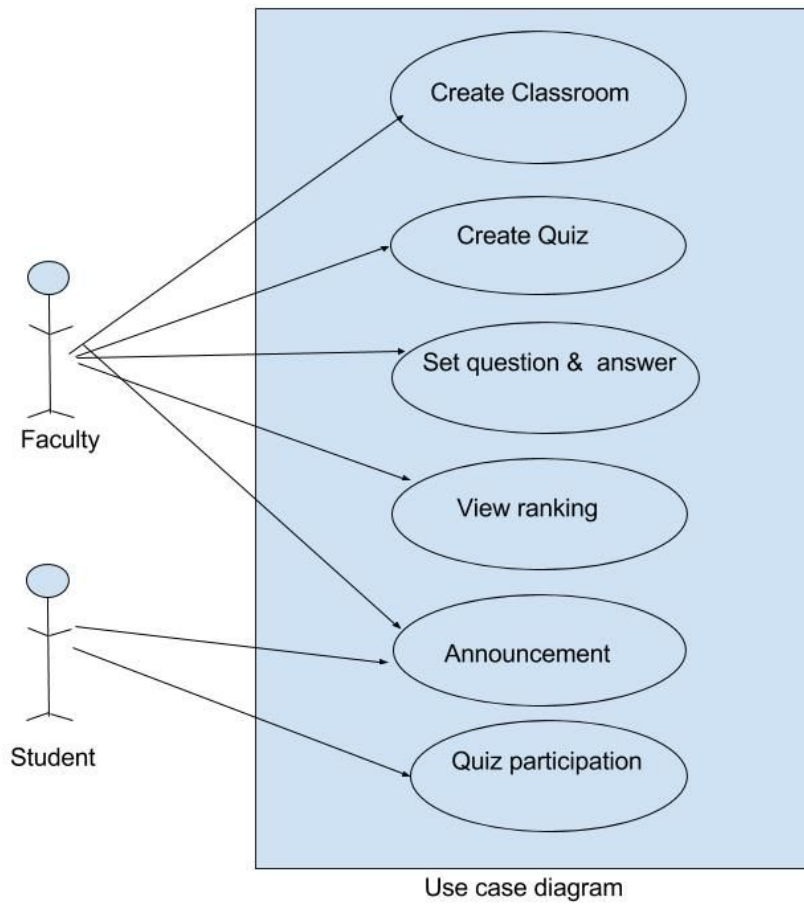
Product Scenarios

Educational sector like schools, colleges and universities.
Online teaching

Collaborative Applications

Live video encoder software obs.

Use case Diagram



Tree Structure

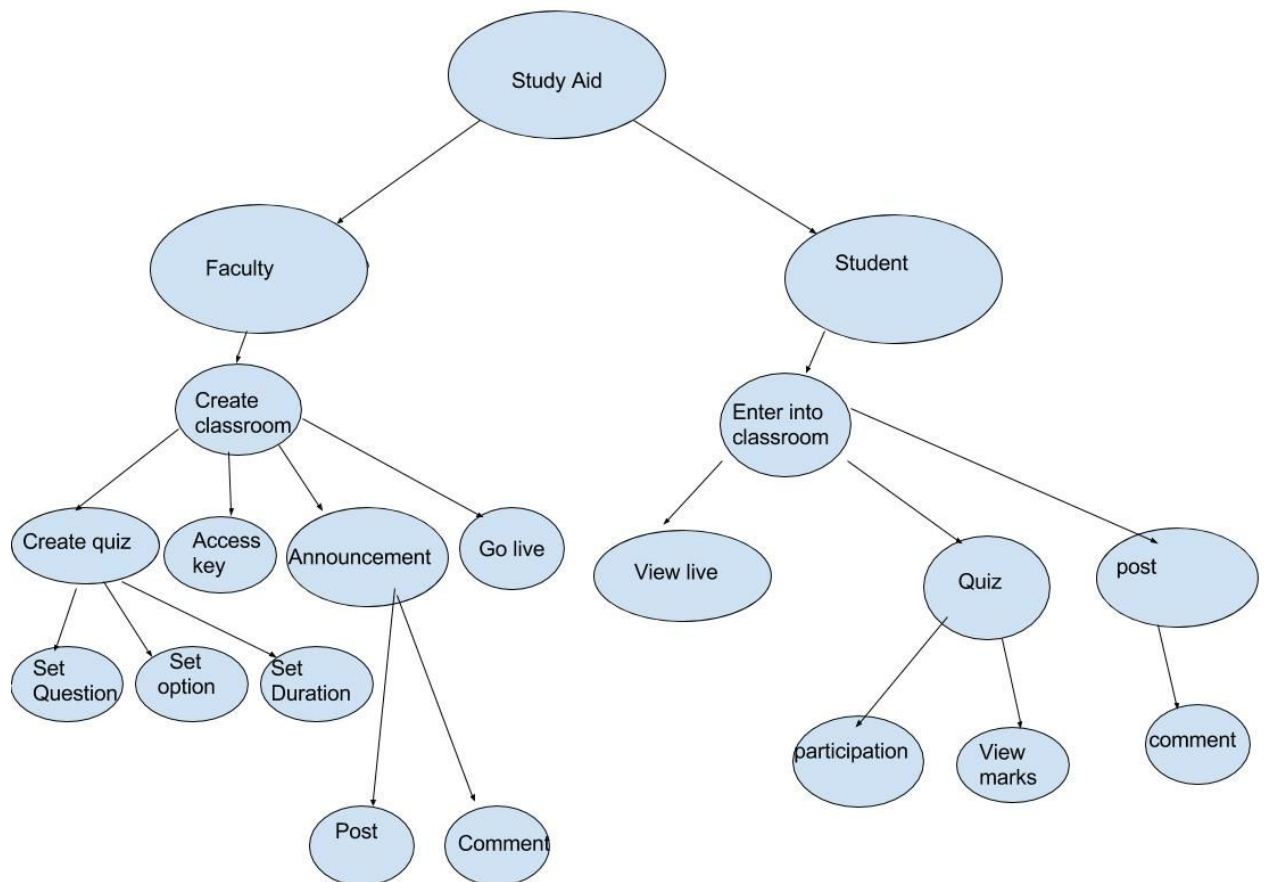


Figure : Tree diagram

UML Class Diagram

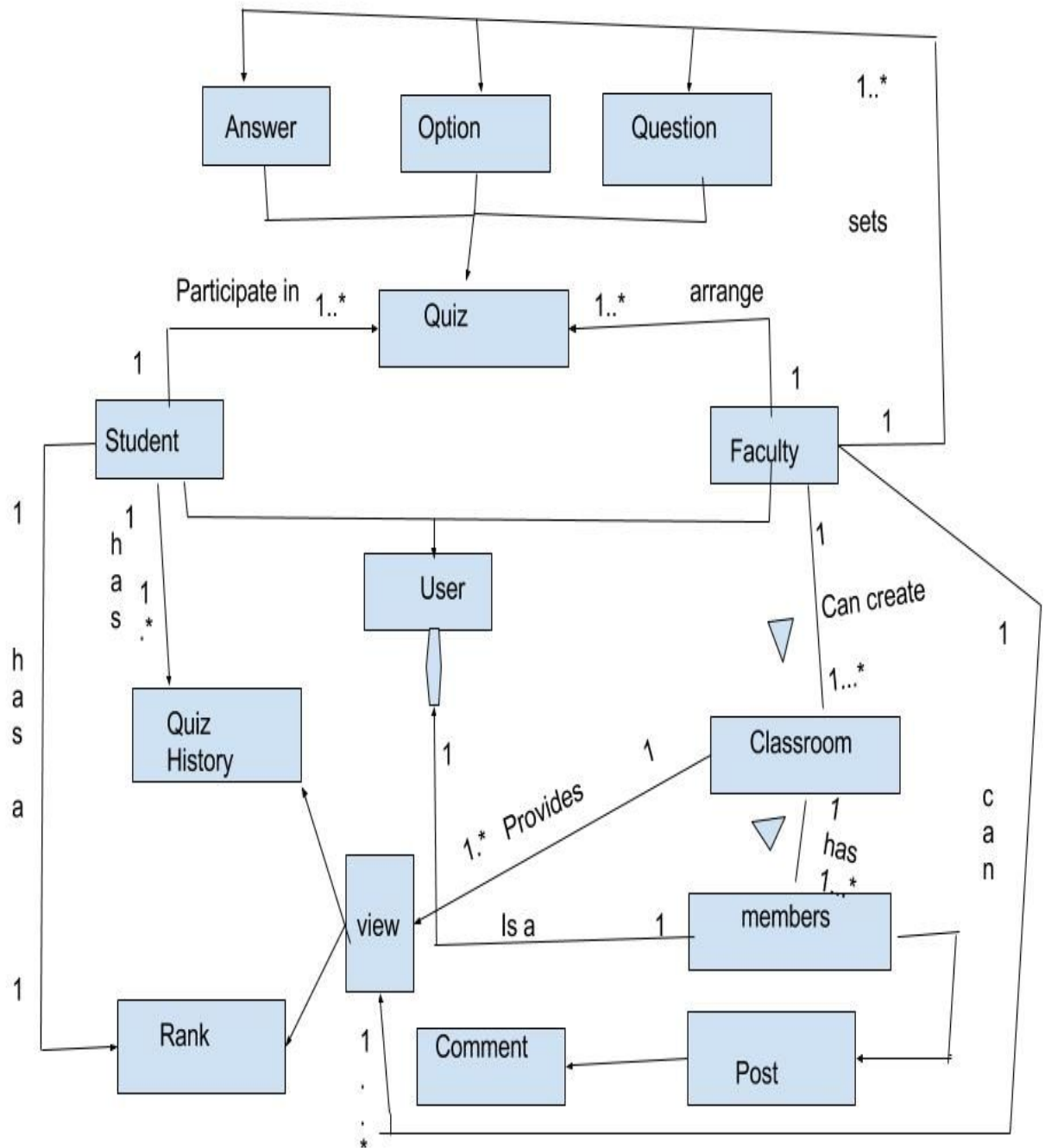
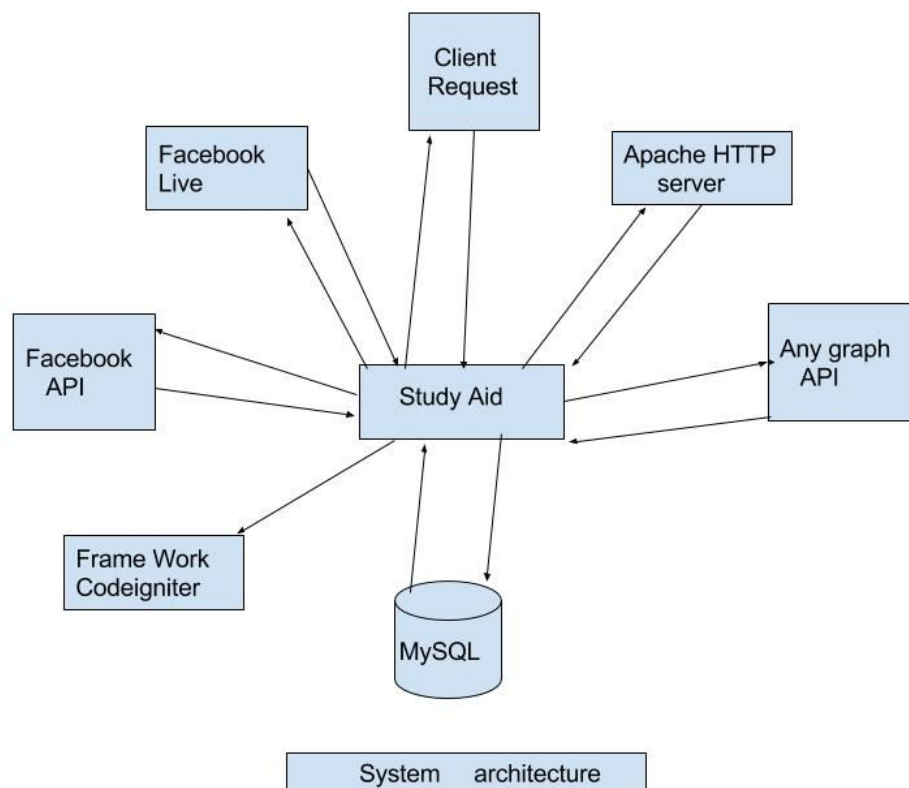


figure: class diagram

System Architecture



ER Diagram

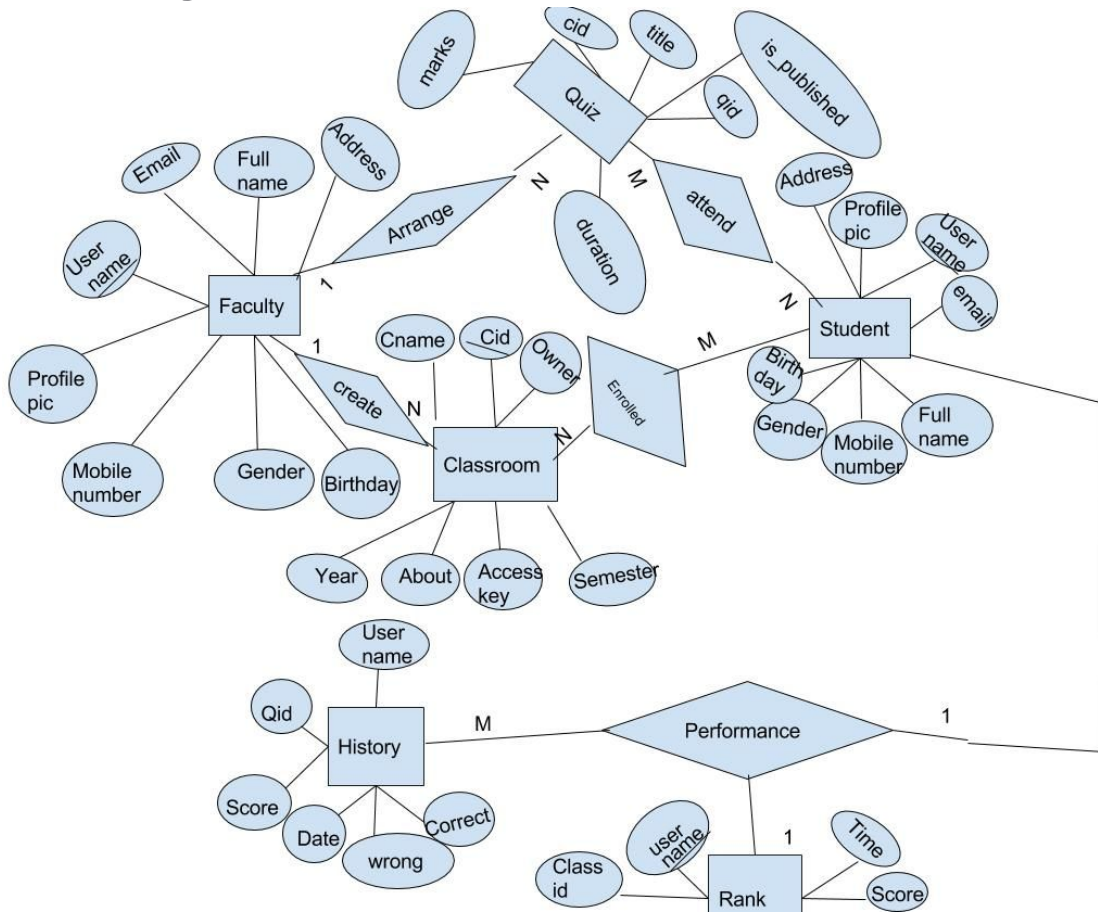
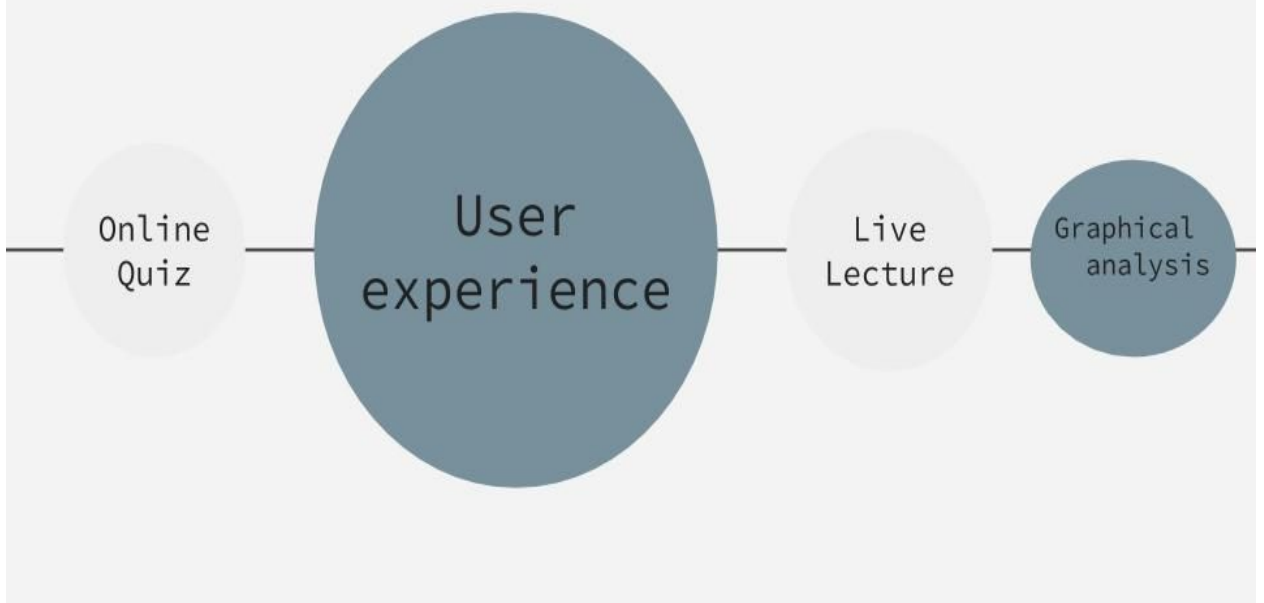


figure : ER diagram

Cycle diagram



Our Goal



Project timeline

