

# Business Plan(ETSAS)

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Exam Tracking & Submission Assurance System

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## 1 Executive Summary

ETSAS (Exam Tracking & Submission Assurance System), a software application, will help Lab instructors track examination progress and will automate occasional submission of exams with specific intervals without the intervention of students. At startup, it will provide students a specific directory as a workspace. As soon as examination starts, students' submission will be made gradually with the help of VCS (Version Control System). Through this approach, the examiner will be able to track the progress of how students attempted the exam. ETSAS has become a need for Lab examination. Students are shocked to have realized that they have not made correct submission or met submission failure. Fortunately, this system will assure the submission of exams and students will be absolved from the submission task at the end of exams when time is very crucial. Similarly, teachers have better control over the students' activities.

## 2 Product & services

As stated earlier, this project will solve the problems of thousands of students and teachers around the world. Above mentioned goals will be a major target of this project. The teacher will be able to efficiently supervise the students during the exam. The students' data will also be safe from any electricity shutdown or any other mishap. The teacher will create a folder with certain files already given to students. Then in that directory, students will submit their work. A daemon service running in background will look after student activities and will handle possible failure. Ultimately, ETSAS will help both students and teachers achieve their goals of secure submission and progress tracking respectively.

## 3 Goal

The goal of this project is to provide convenience to both users and teacher to submit Lab exam without further wasting time and tracking the submission respectively.

### 3.1 Working

- A tool to create a folder at the start of the exam with the necessary files given by the

professor.

- After every 3 minutes, the file will be saved to the server [3].
- Teachers can view the progress of each student by viewing that folder.
- After ending time, no student will be able to make changes to that folder

## 4 Market Analysis

It falls under surveillance industry being more specific to exam management system. There are many such application which server almost the same purpose.

- Exam surveillance
- Eagle Eye

- Examination portal

But unfortunately, these tools do not support the idea of secure submission over LAN without internet. Therefore, its niche seems very profitable and desirable among academic institution.

## 5 Marketing strategy

Since this is academic application so it will be advertised among universities with the help of those teachers who are teaching in multiple universities. Their recommendations will be very fruitful. Further, it can be given to universities without any charges as a trial and it will make its market value soon after meeting their expectations.

## 6 Financial Planning

Since, this is Final Year Project and it does not promise to give very high performance, finance required for this project is very minimalist. However, to make it competitive in the market, we need a proper software developer team to write efficient modules, manage, maintain, update and resolve queries in a responsive way. So far as, piece of land is concerned, it does not need it. Rather, software team will communicate via online. Beside, software developers, accountant will be required to manage and draft financial statements which will be very helpful to analyze its progress.

At initial stage, this software will be reasonable good to server the purpose but with the passage of time, a proper team will be necessary to run this business properly. therefor, at initial state, no finance is required especially till the end of FYP.

Its finance can also be generated by consulting some universities as sponsors so that this project will be compatible widely. Second source of finance could be advertisement on this application. Third source of finacne can be through partnership so multiple people will have their shares in this project. Further, we can transform it into Private limited company where people will be more willing to participate as investors.