**Business Requirements Document**

For **Incture Technologies**

Online Test Management

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# Executive Summary

Online Examination System is being launched because a need for a destination that is beneficial for both corporates and students. With this site, companies can register and host online exams. Students can give exams and view their results. This site/app is an attempt to remove the existing flaws in the manual system of conducting exams.

Online Exams System fulfills the requirements of the companies to conduct the exams online. They do not have to go to any software developer to make a separate site for being able to conduct exams online. They just have to register on the site and enter the exam details and the lists of the students which can appear in the exam.

Students can give exam without the need of going to any physical destination. They can view the result at the same time. Thus the purpose of the site is to provide a system that saves the efforts and time of both the institutes and the students.

# Business Objective

* One stop platform for all the pre-interview process.
* Reduction of the overheads faced by the HR.
* Maintain details of the all the people taking the test.
* Checking progress report of one’s own test.
* Create various reports and graphs for evaluation purpose almost instantly when and where required.

# Scope

Online examination project could be a web portal or a mobile application which will be helpful for both prospective employees and employers to conduct different examinations from this site for their hiring process. Online examination portal is implemented in 2 modules student examination module and examination admin module. Admin module will add multiple tests under different colleges so the invigilator could easily offer a variety of questions. Student examination module ought students to register with application and participate in the online test and see their score.

The user is greeted by the configuration page which has relevant details about the platform. This page is mainly intended for corporates seeking our consultancy. After that comes the “Login Page” which has two modules namely the Admin Login and the User Login. Once logged in, the user can take the test and update his details while the admin can create or upload tests and also see the comparative score of everyone taking the test.

# Current Challenges

* Paper based manual examination which is time consuming and error prone.
* Lack of genuineness and viability of the results.
* Lack of clarity and information about the process
* No provision for the test taker to know his score.

# Features

## Overall Perspective:

1. The application will have a user friendly and menu based interface.
2. Following screens will be provided:
3. A login screen for entering the username, password will be provided. Access to different screens will be based upon the user.
4. There is a screen for displaying information regarding entries to be made by companies.
5. There is a screen for displaying information regarding filling of exam details by companies.
6. There is a screen for displaying information regarding entering student list for the particular exam.
7. There is a screen for entering personal details by the student
8. There is a screen for displaying information menu regarding what options the companies will select while filling entries (entering questions, student list, deleting questions, entering exam details).
9. There is a screen for displaying exam details to the students when they are taking exams.
10. There is a screen for taking exam for the students.
11. There is a screen for displaying of results of students after taking the exam for both admin and the student.

## Module Division

**Module 1: Login**

A simple login module where the students can enter the following details:

User ID (To be generated by the “Admin”)

Password (To be generated by the “Admin”)

**Module 2: Update Details (For User)**

After logging into the system, the details mentioned below are required.

* Name
* ASL (Age, Sex, Location)
* Email ID
* Stream
* Degree
* Current CGPA
* Class 12th Score
* Class 10th Score
* Contact Number

**Module 3: Book time slot**

The user can book a desired time slot of his choice based on the availability.

**Module 4: Examination Screen**

The user can take the test in this screen. There will be only one question displayed per screen to enhance the clarity. The user will also be provided with a mark for review option which enables the user to mark a question for further review. The Grid based navigation system gives details about the answered status of all the questions and also allows the user to jump from one question to another directly.

**Module 5: Result’s Screen**

The admin will have access to all the results while the student can only view his/her own result.

**Module 6: Selfie, Share and Review**

The test taker will have to take a selfie and write a review about the overall experience. Sharing of test result and experience on social media is optional.

**Module 7: Security Vulnerabilities to be tackled**

* 1. The user can ask someone else to take the test on his behalf.
  2. While on app,
* The user can take screenshots and share the questions.
* The user can press home key and navigate to some other app
* The user can open a reference document for cheating
  1. While on web,
* The user could open a new tab/window and search the answers over internet
* The user could open a reference document and cheat during the exams

**Module 8: Assumptions**

* 1. Educational level: Users should be comfortable with the English language.
  2. Experience: Users should have prior information regarding the online examinations.
  3. Skills: Users should have basic knowledge and should be comfortable using general purpose applications on computers.
  4. The examinations are all objective. Students can give each exam just once.
  5. The student has only one device and is under invigilator surveillance.