



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY

Everyone's Smart University

Project (Spring 2021)

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Section

Date

Course Code

Master

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PMG-506

Advanced Project Management

Students Assessment Center

1. Introduction

We must recognize what a project is to understand project management. A project is an attempt that has a definable objective, consumes resources, and operates under time, cost, and quality restraints. Also, projects are considered as a unique to the organization. Any organization can manage repetitive activities based on historical standards. The challenge is managing activities that has never been done in the past and may never be repeated in the future.

Our project is making an application for an assessment center under the ministry of Education. This app can give tests for all grades including higher education. The tests are to be submitted by a group of teachers under supervision of the assessment center. Also, the application will give special reports for every student including the semester current grade for every course, and reports of the students grades for the statistics center and ministry of education. This application will consider the following:

- The environmental factors (disasters, diseases, pandemics)
- Equal school tests around the country (private and public schools)
- All the student's grades will be available for the ministry to monitor.

The objectives of the project are to face any emergencies that makes it hard for students to attend the tests, the system will be computerized which gives instant result and saves time, and students reports will be provided. Also, the application will make it easier to get full student report when linked with the national ID.

2. Literature Reviews

The manual process of taking tests and distributing scores used to take a lot of time when online examination did not exist. To take written exam for multiple students we need more invigilators to watch the students for the purpose of preventing cheating. To reduce the large number of relevant resources, online examination system is developed on web and network. The method of online assessment was for important activities like evaluate the real performance of students (Qiyas assessment center). Present technology has advanced techniques like adding question bank in the database. It also helps to put the questions without duplication, and with the use of shuffling algorithm to put random questions for each student.

3. Methodology

In order to identify project objectives, scope, and purpose I used more than one data gathering methods including brainstorming, focus groups for their effectiveness. And the tool I will be using to represent these data is the Project Charter.

3.1 Brainstorming & Focus Groups

Brainstorming is the process of making a list of ideas by the team. It includes developing ideas and analyzing them. Focus groups is when a group of specialists in the project are gathered to acknowledge the risks surrounding the project and the success rate and other relevant information.

3.2 Project Charter

A formal, typically short document that describes the project in its entirety. It is a crucial ingredient in planning out the project because it is used throughout the project lifecycle. It authorizes both the project and the project manager.

4. Results and Discussions

The result for the previous method will be demonstrated in the project charter below:

Project Tiltle	Students Assessment Center			Project Manager	Mohammed Alharbi
Project Start Date	July 1	Project End Date	December 30	Project Sponsor	Minisrty of Education
Project Scope			Project Deliverables		
Create an official application for computerized examination system for every school in Saudi Arabia.			An effective and secure computerized examination center		
Key Schedule Milestones			Project Objectives		
- Application Design and programming completed on August 25. - Adding initial question bank completed Sep 15. - Testing the application completed Oct 15. - Application registration and provide training completed Nov 30.			- Reduce the amount of restless job of evaluating the answers. - Reduce paperwork. - Saves time. - provide statistical reports for students.		
Project Budget					
Budgeted 180,000 SAR for application and 100,000 for human resources					
Prject Success Critiria					
- Achieve Saudi Arabia 2030 vision by technological advancement. - Easy access for students reports. - Help the ministry of education to save time and reduce labor costs.					
Main Project Risks		Project Approach			
- Weak internet connection. - Servers wont comprehend the number of students - Security Issues. - Faculty or students cant handle the application.		- Develop and engineer an application. - Human resources (To put initial question bank, and technical support personal). - Get in form with government regulations. - Release the application to the sponsor.			
Required Approvals					
Project Sponsor					
Project Stakeholders					
Project Manager					

5. References

1. Shubham Bobde, Suraj Chaudhari, and Jagupati Golguri, "Web Based Online Examination System", April 2017
2. Dr. Akram Mustafa, "Advanced Project Management Course", 2021.
3. Nasser Almuhaimeed, Project Management Professional, 2018.