**SYSTEM PROPOSAL**

**<**I-Teams **>**

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**Date**: xx/xx/xxxx

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# OVERVIEW

## Purpose, Scope and Objectives

I-Teams: is an Application that serves students, teachers and parents to know what is related to University in terms of news, and allows the users to make meetings around the world, The purpose of I-Teams is to facilitation communication with the students in the emergency cases, to contact with a bigger number of student in the same moment and it will be available to anyone who want to use our Application and the platform is compatible with macOS, Windows, Linux, Android.

# SYSTEM REQUEST

## Overview

After The Covid-19, And with the aim of preventing the spread of the Corona epidemic, and in order to ensure the continuation of the educational process, and to enable it to rely on non-traditional methods of education, through modern technology, we want this Application for Increasing the carrying capacity of teaching and reducing the number of classrooms.

## Project sponsor

Isra University, Isra University (IU) was founded in 1991 in compliance with the decree (357) of Jordanian Higher Education Council in 1989, and it received its first batch of students at the beginning of the academic year 1991/1992. Since then, the university has sought to be an active partner in the national and regional efforts to enhance the quality of university education and the provision of a university environment that promotes students’ freedom, creativity and attracts qualified students from Jordan, neighboring and foreign countries.

## Business need

Increase the sales, and improve the customer service by Dispense with utilities, Double revenue and profits by increasing the students, and promote the Application in all ways.

## Business requirements

Through the system we will provide these features to users:

1- Providing online meeting.

2- Online assignment and homework.

3- Exams and quizzes.

4- Online video calling and screen sharing.

5-Full telephony.

6- Chat function.

7-Saving user time and effort.

## Business value

It will increase the student registration by 3 percent, reduce several teachers and staff and saving about 150,000JD, attract the largest number of students and increase opportunities for creativity.

## Special issues

This system is needed to deliver on the first of February 2022

Internet it may be conceder as an issue for the student.

We need permission from a government organization.

# FEASIBILITY ANALYSIS

## Overview

The basic technical feasibility of online study as secondary teaching source for student was first shown in the 2003.

I-teams are an application that offering workspace chat and Online meeting, file storage, and application integration. Throughout the COVID-19 pandemic, I-Teams.

## Technical feasibility

There will be a help page for our System that allows anyone who wants to know more about this System, the website will have a full description on how the Application run and how to install it, as well as how to register and make his own private account.to build this system we will need these requirements:

* Operating system just like windows and Linux.
* Medium Server (Cloud subscription)
* The hardware we are needed multi PC’s
* Our teams must have: 4-Developers and 3-designer, 1-System analyst.

This system must be successful due the quarantine that we faced during the COVID-19 and also, we never forget to mention our great doctors that help us to build this system in the perfect way. Our business doesn’t have a specific location (freelancers) the needed technology that is required to handle with the Application is just a PC, mobile phone, access to the internet.

## Economic Feasibility

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Payment Method** | **Cost** | **Source** | **Available/**  **unavailable** | **Machines/Equipment** |
| **Cash** | **1700JD** | **Local** |  | Operating system |
| **Cash** | **400JD/Year** | **Local** |  | Server |
| **Cash** | **4500JD** | **Local** |  | **Hardware** |
| **Cash** | **15,000JD** | **Local** |  | **Team** |

The total cost: 21,600JD

While the cost is 21,600JD and the expected amount from the first year that is returned to us in the system is 150,000JD

And the benefit from the first year is 128,400JD and this is economically viable.

## Organizational Feasibility

I-teams is incredibly straightforward and user-friendly, our user would be easy to handle this Application just like student and teachers as well as companies and organization, Schools College and university, and for sure we will have a support team for help anyone who can’t handle this Application also we will make a short time video of how to use and handle this Application.

# WORK PLAN and GANTT CHART

## The Project Work Plan

| **Goal 1:** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Key Action Steps** | **Timeline** | | **Expected Outcome** | | **Data Source and Evaluation Methodology** | **Person/Area Responsible** | **Comments** |
| Information  Gathering | 1/12/2021  8/12/2021 | | Recruitment Documentation. | | 90% of the targeted performance level achieved. | Sami -li | Completed |
| Feasibility Study | 8/12/2021  22/12/2021 | | Feasibility Study and the cots | | Knowledge and skills in feasibility study. | Mohannad | Completed |
| **Goal 2:** | | | | | | | |
| **Key Action Steps** | **Timeline** | | **Expected Outcome** | | **Data Source and Evaluation Methodology** | **Person/Area Responsible** | **Comments** |
| Requirement Analysis | 23/12/2021  31/12/2021 | | The objective That will be define in the system | | Test are well analyzed | Amani | Completed |
| Software Design | 1/1/2022  16/2/2022 | | Design | | Based on competitors | Mohannad | Completed |
| **Goal 3:** | | | | | | | |
| **Key Action Steps** | | **Timeline** | | **Expected Outcome** | **Data Source and Evaluation Methodology** | **Person/Area Responsible** | **Comments** |
| Software Implementation | | 16/2/2022  1/3/2022 | | Prototype of the Application | Based on Previous goals | Sami+Amani | Closed |
| Documentation | | 1/12/2020  1/3/2022 | | Document | Based on the information | All | Closed |

## The Project Gantt Chart

# REQUIREMENT DEFINITION

* Isra University
* The project teams.
* Users
* The rest of the world!

## Functional Requirement

The users:

1. Registration: The system must give the user the ability to have their own account
2. Information the system will need to register:

First Name, last Name, Email, Password, Confirm password, Gender, Date of Birth

1. Login: The system must allow the registered user to enter their own account

Information the system will need to login:

Email and password

1. Search: The user will be able to search through this system in two ways

Search by letter for student or teacher

Category search for student or teacher

1. Select subscription: The system should display subscription to users and give them access to select what they want to select and move them to selection of the payment methods
2. Select payment method: The system will show the user several payment methods, and the user must choose one of them. (Payment at receive and pay by credit card and via PayPal).
3. Submit a payment: the system will send the command to the administrator's control panel
4. 5-star rating system plus feedback on the system.

The admin:

1. Add/remove services, classroom as well as course.
2. Monitor all operations and information on the application.

## Non- Functional Requirement

Operational:

1- System should be running on the browser

2-The system should work on mobile devices and PC

performance:

1-The time required to respond to something within five seconds

2-Ease of use

3-The availability of more than one language in the system

Security:

1-Password for each user

2-Account locked after a certain number of login attempts

3- Maintain data confidentiality of user information

4- Monitor users in case violating the acceptable use policy

Availability:

1-The system should be available for use 24H per day,365 Days per year.

2- Available for use all over the world

3- Unlimited Storage Spaces

# FUNCTIONAL MODELS

Diagram

Description automatically generated

|  |  |  |
| --- | --- | --- |
| **Use Case Number:** | UC-05 | |
| **Use Case Name:** | Select Subject | |
| **Actor (s):** | Student | |
| **Maturity:** | **Focused** | |
| **Summary:** | This use case is started by a *student*. It provides the capability for Student to Select Subject. | |
| **Basic Course of Events:** | Actor Action  1. This use case is started when a *Student* Select to Select subject.  3. The Actor Login their *Account.*  6. The Actor confirms that the  information is correct.  **{Edit Account}**  8. This use case concludes when the Actor receives visual confirmation of the selected Subject. | System Response  2. The System displays the  Actor’s *Subject* and prompts the  Actor to Login.   1. The System validates the Login information   entered by the Actor.  **{Validate Information}**   1. True information Login account the system show message “Logged in”.   7. The System register the Subject and informs the Actor that register Subject successfully. |

|  |  |
| --- | --- |
| **Alternate Paths:** | **A1 Change Selected Subject**  At **{Edit Account}** the *student* indicates that he/she entered incorrect information. The System immediately returns to the step 2. |
| **Exception Paths:** | **E1 Handle Invalid Information**  At **{Validate Information}** if any fields are entered incorrectly.  the System indicates the fields that were entered incorrectly and prompts the *student* to make the necessary corrections.  If errors, the flow of events is resumed at Basic Flow Step 2. |
| **Extension Points:** | **{Select Subject}, {Validate Information}** |
| **Triggers:** | The *student* would like to select a subject. |
| **Relationship to other use-case** | Extend |
| **Assumptions:** | The *student* is aware of the steps required to select subject. |
| **Preconditions:** | The System is functioning properly.  Actor already has a Profile stored in the Profile Database??? |
| **Post Conditions:** | The *selected subject* was successfully chosen to the *student repository. Actor sent*  *email to confirm subject?* |
| **Reference - Business Rules:** | See Business Rules section: 2.3 and 2.3. |
| **Reference - Risks:** | See Risks List sections: 2.6. |
| **Author (s):** | *سامي اطنه لي*  *مهند سمارة*  *اماني الموسى* |
| **Date:** | 10-10-2022 |

# STRUCTURAM MODELS

Diagram

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# BEHAVIORAL MODELS

Diagram

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# APPENDECIS

## Our Form

<https://forms.gle/18JgnLLktVXQEKJj7>