Cairo University

Faculty of Graduate Studies for Statistical Research

Software Project Task – Group 129

Meet Partner Application SRS

Presented o

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Submitted by:

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Table of Contents

1. INTRODUCTION

The purpose of this document is to provide a detailed Software Requirement Specification (SRS) for application that helps clients interested in starting up a business to meet and collaborate with potential partners. The application will be designed to facilitate the process of finding suitable business partners, sharing ideas, and creating a successful startup project.
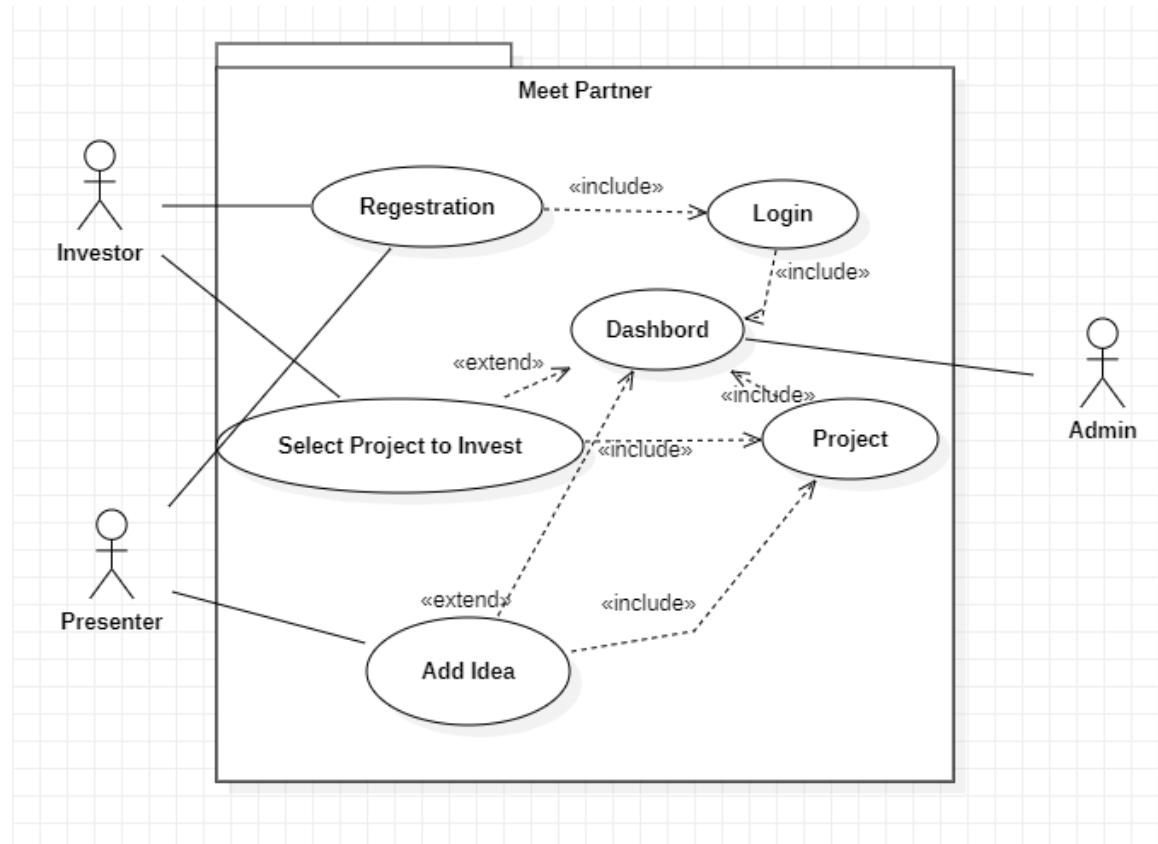
2. Scope

The application will allow users to create profiles, search for potential partners based on their interests, skills, and communicate with them through the platform.
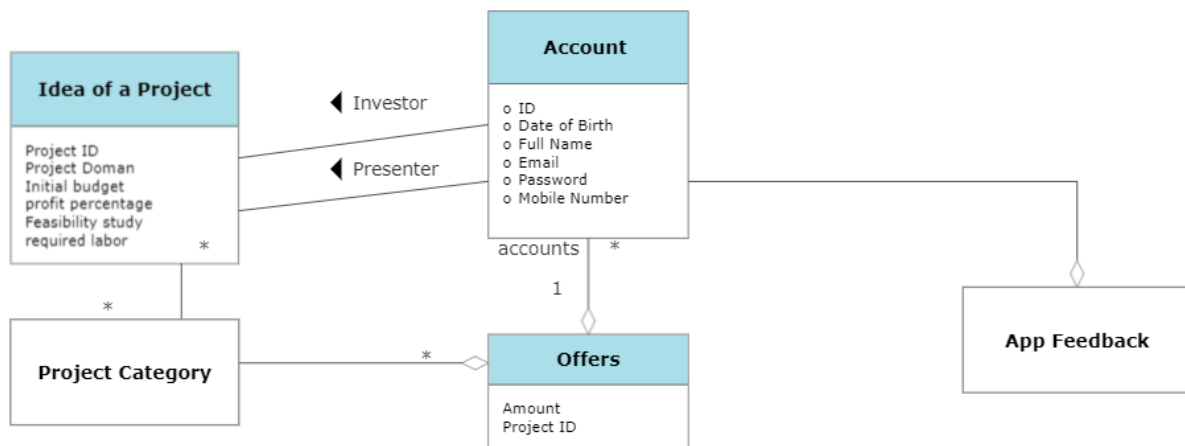
a. The App will allow users to create an account by providing their name, email address, password, and other relevant information.
b. Users will be able to create a profile that includes their personal information such as name, contact details, skills, interests, and experience.
c. The App will allow users to search for potential partners based on their interests, skills, location, experience or other criteria.
d. Users can create projects by providing details such as project name, description, goals and objectives.
e. The App will provide a communication platform that allows users to communicate with each other through messaging or schedule a meeting to discuss their business ideas.
f. Users can rate each other based on their collaboration experience, which will help future clients make informed decisions when choosing a partner or collaborator.
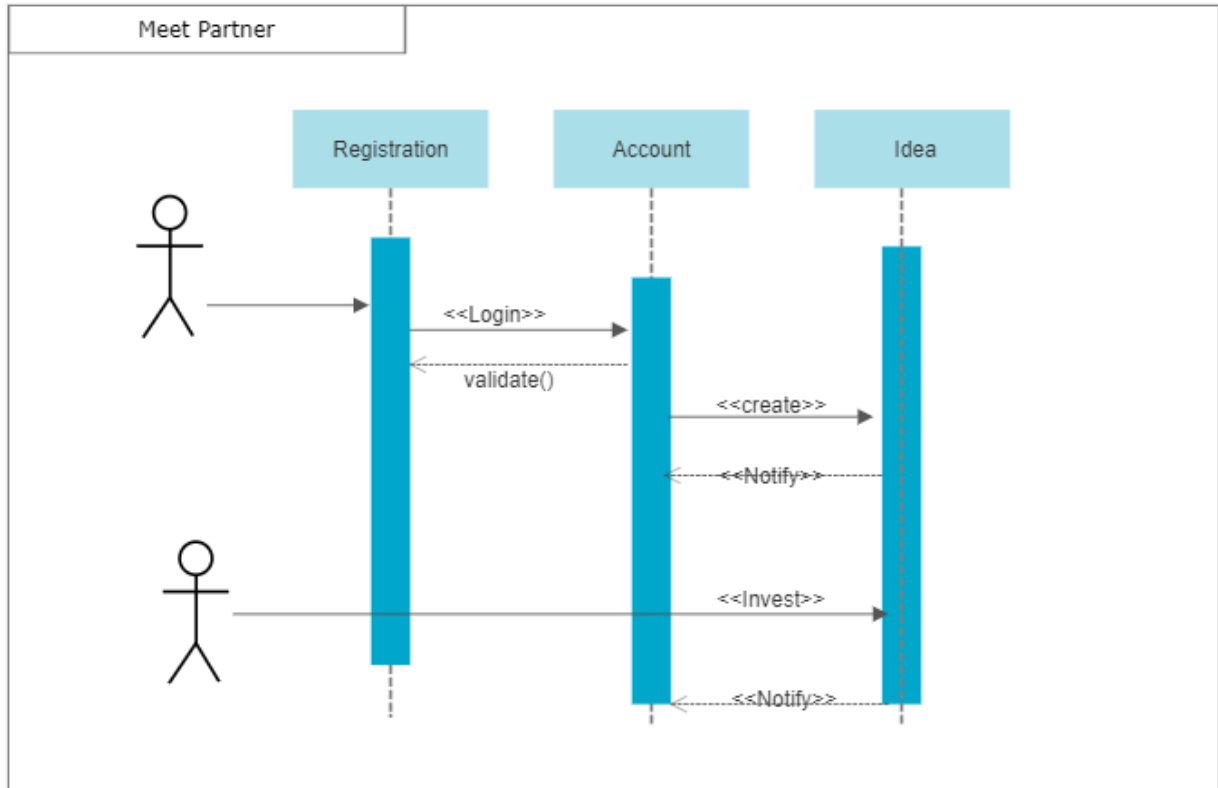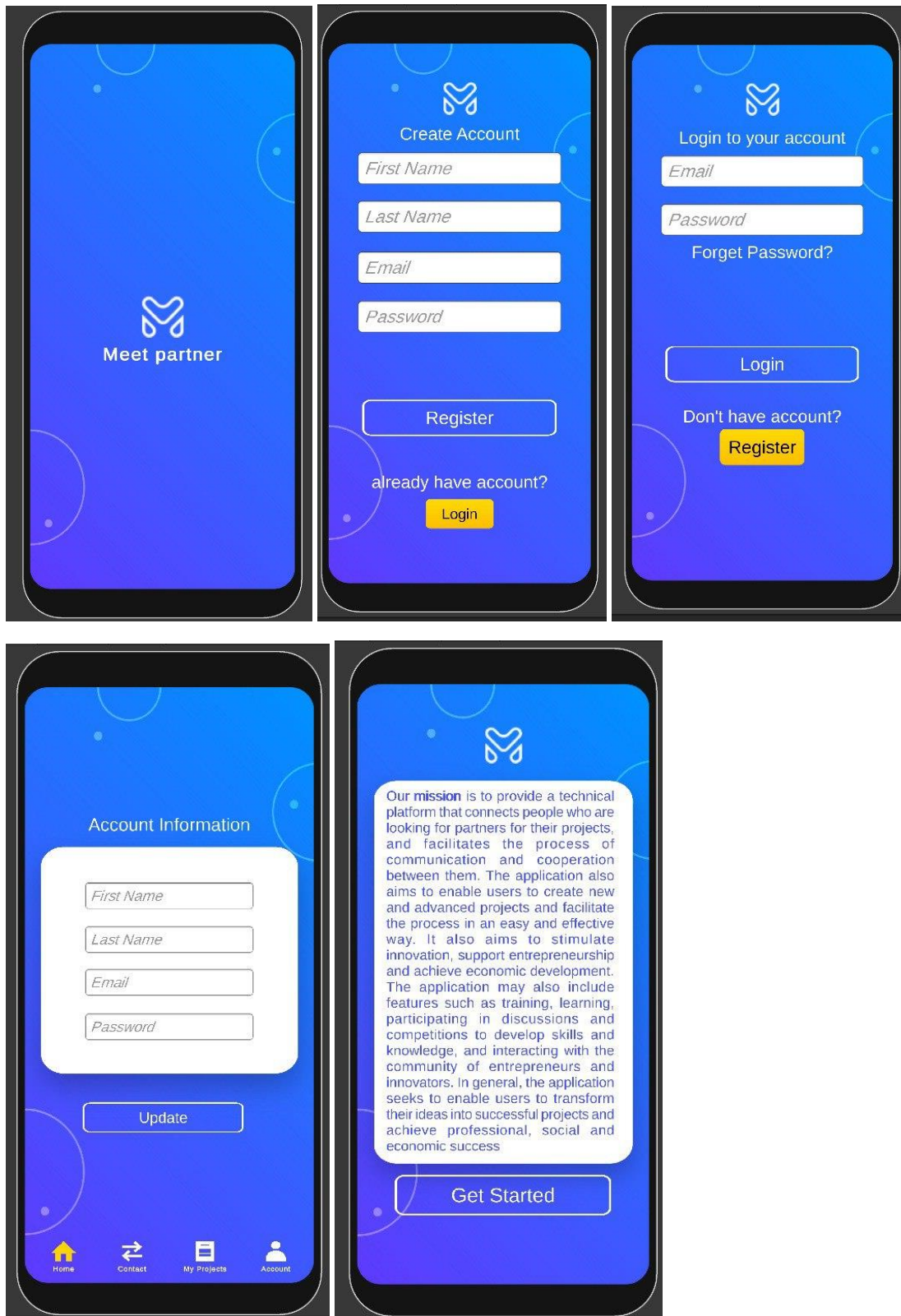
3. Workflow:

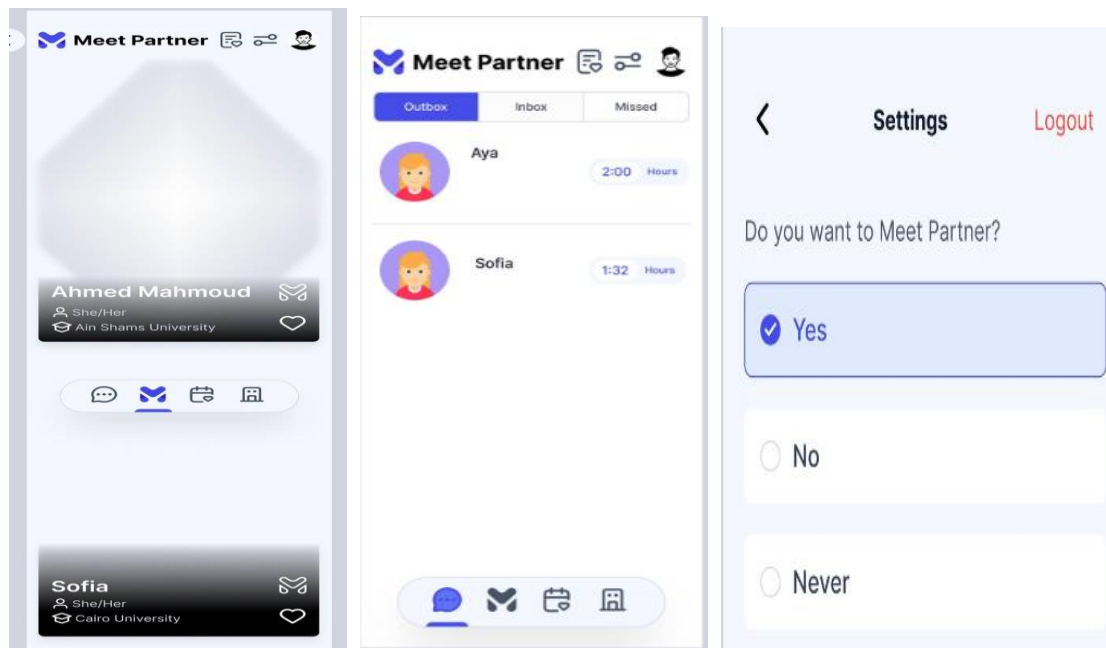## 3.1 Use Case.

3.2 Class Diagram.

3.3 **Sequence Diagram**.

4. Prototype

Our **mission** is to provide a technical platform that connects people who are looking for partners for their projects, and facilitates the process of communication and cooperation between them. The application also aims to enable users to create new and advanced projects and facilitate the process in an easy and effective way. It also aims to stimulate innovation, support entrepreneurship and achieve economic development. The application may also include features such as training, learning, participating in discussions and competitions to develop skills and knowledge, and interacting with the community of entrepreneurs and innovators. In general, the application seeks to enable users to transform their ideas into successful projects and achieve professional, social and economic success

5. User Stories:

5.1 Home Screen

Have 2 buttons; Registration to create new account, Login to open the app.

5.2 Registration

As a Guest user, I want to Create an Account.

1. Registration for new Partner
   - to create account on Meet Partner, User must specify below fields:
     - User Type "Investor or Idea Producer"
     - National ID رقم الهويه
     - Date of birth تاريخ الميلاد
     - Full Name الاسم بالكامل
     - Email البريد الالكتروني

o Password كلمة السر
- Password should be complex "MIN 8 , MAX 84"
- after user specified upward fields successfully, App will Send an Email to confirm registration process.
- Sent Email have a link to activate the created account.
- When the user clicks on it; User can Login.

5.3 **Login**

A- As a user, I want to login
So that I can apply for Invest or add a project idea & follow the process on it.

- Screen have 2 fields for Email & Password, ink for forget password & another for Registration.
- User can login by identifying his Email & Password.
- App will display error message that "Entered Email or Password is Invalid- البريد الاليكتروني او كلمة السر غير صحيحة"

Forget Password

B- As a user, I forget my password
- So User click on Forget Password link in Login screen Then App navigate to Forget Password Screen
- User should add the Email is registered before then system send an Email to reset the account password.
- When the user click on the link in received email, will navigate to rest password.

Reset Password

C- As a user, I want to reset my password
- So User click on the link in received email, will navigate to rest password screen.
- User should add New password & Confirm it with Password format.
- When the user click on the Save button, will navigate to Login screen.

5.4 **Dashboard**

1- **Profile**: It is at the top of the page and contains the username and personal photo.

2- **Change the language** (Arabic and English):
- If you choose the Arabic language, the flag of Britain will appear for you, when you click on the flag, the language will change to English.
- if you choose the English language, the flag of Egypt will appear for you, when you click on the flag, it will change to the Arabic language.

3- **Notifications**: contains all messages received to the client represents his requests status and any general notification from Meet Partner.

5- **Offers**: all pending offers will be displayed under this section on the home screen for easy access to customers.

- customer can accept or reject offers and view its details as below:
  - (Amount – Required Docs - Monthly Installment).

6- **Ideas**:

- User can add an Idea for a project and all info to describe it (Project Doman – Initial budget - profit percentage - Feasibility study - required labor).
- App display all ideas according to its category.
- **Categories will be**:

  1- Commercial projects: These are projects that aim to make a profit, and include many activities such as trade, manufacturing, and services.

  2- Industrial projects: These include projects that produce goods and products, and include many sectors such as the chemical, mechanical, electrical and electronic industries.

3- Agricultural projects: These are projects that produce agricultural commodities, such as grains, vegetables, fruits, meat and milk.

4- Construction and civil engineering projects: These include projects that construct buildings, bridges, roads, tunnels, landfills and other facilities.

5- Technical projects: These are projects related to the development of technologies, programs, systems, applications, etc., and include a large number of fields such as information technology, communications, renewable energy, and artificial intelligence.

6- Social projects: These are projects that aim to improve the social, economic and cultural life of the community, and include a number of activities such as health, education, community development and environmental protection.

7- Artistic projects: These are projects that focus on the arts, such as theatres, museums, art studios, and others.

8- Sports projects: related to the establishment and development of sports facilities, training and preparation for various sporting events.

9- Tourism projects: These include projects that aim to develop tourism and promote local and international tourism, including hotels, resorts, restaurants and other tourist places.

10- Real estate projects: related to the purchase, sale and leasing of real estate, and includes residential, commercial, industrial and agricultural projects.

11- Educational projects: These include projects that focus on developing education and providing various educational services, such as schools, universities and training centers.

12- Medical projects: related to the provision of medical services and the development of various medical technologies, such as hospitals, clinics and medical laboratories.

7- **Selected projects**:

- Investor account can Select an Idea for a project and contact with Idea presenter.

5.5 Sidebar

5.1- **Profile**:

- Consists of all User information based on added in Registration flow: (ID number - User name - phone number - date of birth - email).
- Screen for just View not editable except phone number.
- Can add profile image.

5.2- **Notification**:

- Account receives a notify when selecting an idea
- Account receives a notify when accept the offer
- Account receives a notify when a user tries to contact with other.

5.3- **Offer**:

- Contain offers on selected project, Amount of invest, investor Info & how to contact.
- Upon receiving offer, User will be able to approve it
- if clicks on <u>accept</u>, success screen will be displayed & notify the user that his offer has accepted.
- if clicks on <u>reject</u>, portal will redirect citizen to home page.

5.4- **Feedback**:

- Users can provide feedback on their experience, which can be used to improve the app and its features.
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  The review will be rate from 1 not satisfied to 5, & can add a text explain review opinion.