

Project Proposal Form



Section A: Software Details:

1. Project Title

“MaKSAd” from the Arabic word “مقصد” meaning purpose.

A platform for volunteerism in KSA, built on the idea that every act of volunteering has a purpose.

[Volunteerism and Community Events Management System in KSA]

2. Team Information

| Name | Student ID | Role in Project |
|-----------------------------------|------------|-------------------------------|
| Lama Tariq Aljalal | 2240002307 | Team Leader & System Designer |
| Khawlah Majid Abaalkhail | 2240006555 | Backend Developer |
| Ghala Ahmed Alghamdi | 2240003304 | Fronted Developer |
| Reemas Tariq Aleid | 2240006097 | Database Manager |
| Haya Sami Alwuhaibi | 2240007544 | UI/UX designer |
| Jood Hani Al Turki | 2240003102 | QA Tester |
| Aljawharah Abdulhameed Alghudiyah | 2240006477 | Data Analyst |

3. Project Overview

This project aims to develop a digital platform that connects community organizations and volunteers in the Kingdom of Saudi Arabia. The system will allow organizers to create and manage community events or volunteer activities, while volunteers can register, participate, and track their contributions. In addition, the platform will provide a feature to record and calculate volunteer hours, helping participants monitor their efforts and achievements. The platform will be designed to be user-friendly, accessible, and efficient in promoting community engagement and volunteerism.

4. Objectives

- Encourage efficient management of community events and volunteer activities.
 - Provide volunteers with an easy way to discover, register, and track their participation.
 - Facilitate event management, attendance tracking, and report generation for organizers.
 - Encourage a culture of community service that supports the social development objectives of Saudi Vision 2030.
 - Improve transparency by keeping clear records of participation and volunteer hours.
 - Support inclusivity by making opportunities widely available across different regions and groups.
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5. Scope of the Project

Includes:

- User registration and login (Organizers & Volunteers).
- Event creation, management, and registration.
- Volunteer participation tracking (attendance, hours).
- Basic reporting for organizers (number of participants, hours logged).

Excludes (Out of Scope):

- Online payment systems for events.
 - Integration with external government platforms (e.g., Absher).
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6. Key Features

- User registration and login.
 - Event creation and management.
 - Volunteer participation tracking.
 - Reporting dashboard for organizers.
 - Simple, user-friendly interface.
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7. Tools and Technologies

We plan to utilize technology and take advantage of as many open-source tools as possible in order to support development, collaboration, and efficiency throughout this project, using:

NetBeans for Java, MySQL Workbench, JDBC, Google Drive, GitHub, Figma.

8. Timeline / Milestones

| Phase | Description | Target Date |
|--------------|---------------------------------------|-------------|
| Planning | Requirements gathering and team setup | Oct 18 |
| Design | UI/UX wireframes and database schema | Nov 22 |
| Development | Feature implementation | Nov 29 |
| Testing | QA and bug fixes | Dec 6 |
| Final Review | Presentation and documentation | Dec 13 |

9. Potential Challenges

We anticipate several challenges to arise during development which we plan to address effectively:

- Managing scalability as number of users grows.
 - Time constraints for feature completion within the semester timeline.
 - Integrating multiple tools and technologies without compatibility issues.
 - Handling bugs, errors, and unexpected technical setbacks during development.
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10. Expected Outcomes

The expected outcome is a fully functional platform that enables organizers to create and manage events, generate detailed reports containing volunteer names and their contributed hours, and expand events when necessary, while volunteers can easily register, track the hours they earn, and upon completing their participation, automatically receive both a certificate of participation and a ready-to-use text they can share on LinkedIn or other platforms to highlight their contribution.

Section B. Evaluation

To be completed by the instructor or supervisor.

2. Project Proposal (12 points / 2 marks) – Week 4

| Criteria | Excellent (4) | Good (3) | Fair (2) | Poor (0-1) | Awarded Score |
|-------------------------------|--|-------------------------|-----------------------|-------------------|---------------|
| Title & Motivation | Strong, concise title; well-justified problem. | Adequate but generic. | Weak or unclear link. | Missing. | /4 |
| Team Details | Full list with clear roles and leader. | Some roles unclear. | Incomplete info. | Missing. | /4 |
| Completeness | All template sections filled with quality. | Most sections complete. | Several missing/weak. | Template ignored. | /4 |