

**Project Number:** 27

**Project Title:** Web Application for Project Contests

**Project Clients:** Dr. Basem Suleiman

**Project specializations:** Software Development;Web Application Development;Cloud Computing;

**Number of groups:** 2 group

**Main contact:** Dr. Basem Suleiman

**Background:**

Project contests can be useful for creating environment for creativity and innovation. Managing such contests can be challenging due to the need for efficient handling of project submission, evaluation, and communication. This project aims to develop a web application that supports the management of project contests, to organizers to run successful events and for participants to engage effectively.

**Requirements and Scope:**

The web application will provide a platform for managing project contests which include the following:

- User and profile management
- Contest creation and management
- Project submission and tracking
- Judging and evaluation of projects
- Communication for organizers and participants
- Reporting and analytics

**Required Knowledge and skills:**

Users

- Administrator user should have the full privilege in the system and should be able to manage and oversee the platform.
- Users include contest organizers, participants, and public users.
- Users with different roles and responsibilities can create their account, login and operate the system based on their roles and responsibilities.

- Users can edit/maintain their profiles.

#### Organizers

- Create/register their account (and verify it) and login.
- Create and maintain organizer profile.
- Create and maintain a new project contest and specify the details of the contest
- Search and view project contests (own and others) and its details, and filter them
- Search and filter contest's participants and their project submission.
- Assess project submissions through specific procedure
- Rate and recognize the participants.

#### Participants / public users

- Create/register account and login.
- Create and maintain profile.
- Search and browse project contests, and submitted projects to a contest, and refine the results with search filters.
- View full details of any project contests, and project details submitted to a contest.
- Submit a project for a contest, and maintain their project submission
- Notifications of contests and projects of interest.
- View rating and feedback on own projects.
- Review and rate experience once completing a contest.
- Receive and view recognition of contests completion/participation.
- Rate and vote for projects

#### **Expected outcomes/deliverables:**

##### Expected Outcomes:

- Robust and scalable architecture supporting seamless user experience across web and mobile platform.
- Fully functional application (robust, secure, and performance)

- Project documentation including source code, system architecture and design, UI/UX, different types of testing, user manuals and guide, technical guide.