Computer Science Department
Fall 22
Software Engineering

FEASIBILITY STUDY OF EFFAT ALUMNI WEBSITE

1. Purpose

Our software project is a website for Effat alumni; it will help digitalize the process for storing alumni information including the year of graduation, the major, the current status. Alumna will be able to log into the website and add their achievements. The website should provide a clear display of all this information. The website should have a simple yet attractive and dynamic design for the user to interact with.

2. Scope

The actors of this website are admins, and alumni of Effat university.

3. Constraints

- The system should be secured against breaches and non-human users

- The system should be adaptable to change (new feature may be added)

- The system should be reliable and functional at all times.

- The system gives the admin access to student profiles

- The system should display the progress of alumni clearance request to the admin

- The system should display the alumni profile and its editing options

- The system should display the alumni clearance status and its editing options

4. Points of contacts

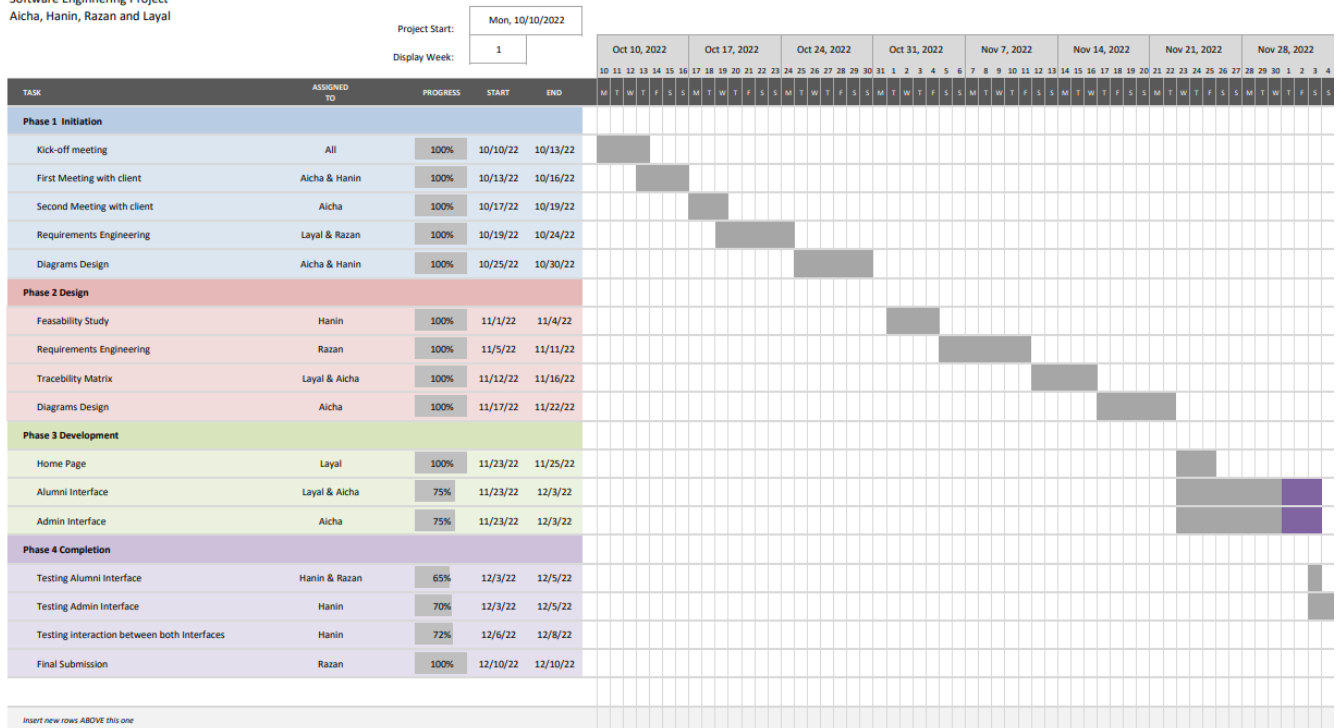| Name	Title	Contact information
Dr. Amani Gandour	Dean of students' affairs	agandour@effat.edu.sa

5. Area of feasibility

5.1 Schedule feasibility

The time required for this project is 2 months. The GANTT chart is shown below.

Effat Alumni Website Timeline

Software Enginnering Project
Aicha, Hanin, Razan and Layal

Project Start: Mon, 10/10/2022
Display Week: 1

TASK	ASSIGNED TO	PROGRESS	START	END
Phase 1 Initiation				
Kick-off meeting	All	100%	10/10/22	10/13/22
First Meeting with client	Aicha & Hanin	100%	10/13/22	10/16/22
Second Meeting with client	Aicha	100%	10/17/22	10/19/22
Requirements Engineering	Layal & Razan	100%	10/19/22	10/24/22
Diagrams Design	Aicha & Hanin	100%	10/25/22	10/30/22
Phase 2 Design				
Feasability Study	Hanin	100%	11/1/22	11/4/22
Requirements Engineering	Razan	100%	11/5/22	11/11/22
Tracebility Matrix	Layal & Aicha	100%	11/12/22	11/16/22
Diagrams Design	Aicha	100%	11/17/22	11/22/22
Phase 3 Development				
Home Page	Layal	100%	11/23/22	11/25/22
Alumni Interface	Layal & Aicha	75%	11/23/22	12/3/22
Admin Interface	Aicha	75%	11/23/22	12/3/22
Phase 4 Completion				
Testing Alumni Interface	Hanin & Razan	65%	12/3/22	12/5/22
Testing Admin Interface	Hanin	70%	12/3/22	12/5/22
Testing interaction between both Interfaces	Hanin	72%	12/6/22	12/8/22
Final Submission	Razan	100%	12/10/22	12/10/22

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5.2 Economic feasibility

The estimated cost for the project is around $10000, the details of the budget are shown below.

Domain Name	$0.95 – $12
SSL Certificate	$0 – $100
Website Hosting	$24 – $500/yesr
Content Management System (CMS)	$2,000 – $5,000
Maintenance	$400 -- $700
Database Integration	$2,000 – $5,000

5.3 Technical feasibility

We need an internet connection, database to store the data, a website domain, soft wares and IDEs to develop the code for the website (visual studio code, bootstrap).

5.4 Organizational feasibility

Staffs need to be introduced on how the website works, how to register students, how to view and edit profile, and how to approve clearance. Alumni will be given a guide about how to register, edit their profiles, and update their clearance.

Group formation:

Section	Group Number	Group Members' Names	IDs
2	3	Razan Almahdi	S20106649
2	3	Aichetou Sidiya	S20106146
2	3	Hanin Alzaher	S20106145
1	3	Layal Ghryani	S20106409