**Tawakkal-o-Sukoon**

B.S. (CS/SE) Final Year Project Proposal

Hiba Asif

BS(SE)/2018/comp/22975

Sarah Tariq

BS(SE)/2018/comp/23002

Sukena

BS(SE)/2018/comp/23005

Syeda linta Jawaid

BS(SE)/2018/comp/23008

Batch: 2018

Date:9/march/2018

Department of Computer Science and Software Engineering

Jinnah University for Women

**JINNAH UNIVERSITY FOR WOMEN**

**Department Of Computer Science & Software Engineering**

**FINAL YEAR PROJECT APPROVAL FORM**

The Chairperson Date: 9/march/2021

Computer Science & SE Department, Batch: **2018**

Jinnah University for Women,

Karachi.

Subject:  **Bachelor of Science in Software Engineering Final Year Project**

Madam,

We, the below listed students of Final Year BS 2017 class, desire to undertake work on the following project Tawakkal-O-Sukoon Under the supervision of Prof.Dr.Narmeen Bawany

We request you to kindly approve undertaking the work on the above-cited project. I abide by all terms and conditions mentioned below.

1. I have selected this project on my own.
2. I am sure I can complete this project by December 2021.
3. I am eager to work under the supervision of an advisor assigned to this project.
4. I understand that the FYP committee can modify the scope of the project as and when required.
5. I know that if do not appear in regular project progress presentations my project will be disqualified.
6. I know that if I do not appear in the mid-project presentation, whenever it is scheduled, I will not be eligible for the final project viva
7. I fully understand that “***cheating***”**\*** may lead to the cancelation of my project.
8. I understand that the decision of the FYP evaluation committee, for all issues, would be final, and no objections will be accepted.
9. I have no objection to presenting my project to an external or internal examiner assigned by the Head of the Department.
10. I understand that it is my responsibility to update my advisor and FYP committee members with the status of my project and submit reports on time.
11. I am choosing supervisor and group members on my own and that change request will not be allowed.
12. In case of dispute among students (group members), the project will be canceled and all students will be marked "**fail**”.

**\*-**Copying code from any resources

-Using off the shelf components without prior permission

-Outsourcing your project

Yours sincerely,

|  |  |  |  |
| --- | --- | --- | --- |
| S.No. | Name | Roll No. | Signature |
| 1 | Hiba Asif | Comp/BS(SE)/2018/22975 |  |
| 2 | Sarah Tariq Jilani | Comp/BS(SE)/2018/23002 |  |
| 3 | Sukena | Comp/BS(SE)/2018/23005 |  |
| 4 | Syeda Linta Jawaid | Comp/BS(SE)/2018/23008 |  |

**TABLE OF CONTENTS**

1

Project Summary 1

Overview 1

Scope 1

In scope: 1

 Personalized recommendation of related Quranic verses, scholars sermons and hadith 1

Out of scope: 2

Deliverables produced: 2

website 2

Objectives 2

Project Approach 2

Tools and Technologies 3

Estimated Duration 3

Market and Competition 4

# Project Summary

Psychological issues like depression and anxiety can happen to any of us and nowadays it is increasing day by day. We Muslims, believe that psychological peace and soundness is approachable with the help of Islamic teachings. Our idea is to integrate Islamic teachings and psychology with the help of system we are suggesting. Our application tawakal-o-Sukoon connects people to Allah (SWT). We are solving these issues through Holy Quran by recommendin them Quranic verses, Hadiths, and bayans. Quran has already addressed these issues long before modern psychology. Our goal is to simply facilitate users in seeking what Islam suggests in coping these problems

## Overview

Psychological issues such as

anxiety and depression, fear, sadness, etc are now very common in current times, especially in children and youngsters which seems to be outcome of excessive exposure to technology. But same technology can be exploited to reverse this scenario. Solutions already exist, we just need to reach out those by means of tools and technology. We are suggesting a system, Tawakkal O Sukoon which is an application where people facing these problems will be able to connect with the Quranic way of overcoming those problems. Just by selecting current mood or feelings, user will get a bunch of references from Quran and Hadith that will help them in lowering down the anxiety, depression or whatever the issue is.

System will also allow users to provide feedbacks/Blogs related to their experience about their interaction with app through which we will get the view of our old users and this will also help the new ones to have a hint about application and blogs so you can write your condition, experience, complication also we are providing a community called FAQS where users can talk, ask a question with each other.

Sometimes a small verse from Quran or any Hadith is enough to defeat the negativity we face. That’s why, on user’s will, we will display daily Quranic reminders in shape of notification which might help them.

## Scope

The basic motive behind this platform is to give users a perfect match of dua, verses of the Quran, hadiths that correlates with users' current feelings. Upon selecting a specific mood, it automatically gives you a verse from the Quran or a prayer that helps you to cope up with it. Our application will also recommend videos, bayans, to users according to their feelings. Also, we will maintain user history and profile through login. FAQS where the community to talk and share their experiences and we will scale the anxiety and depression levels. User will also be notified and we can arrange psychology sessions. Through online psychology sessions, we can earn money.

The scope of this project includes and excludes the following

### In scope:

### Personalized recommendation of related Quranic verses, scholars sermons and hadith

* Login/signup for users
* FAQS
* Interaction with other users as a community for views
* Bayans , Qur’anic verse and hadiths
* Providing language selection
* Maintain user history and profile
* Scaling user emotions
* Daily morning dua's

### Out of scope:

* 24/7 available psychology and scholar sessions
* Sect consideration

### Deliverables produced:

## website

* You will get Quranic verses, Hadith and Bayan according to your feeling
* Quranic verses, hadith will be provided with audio
* Personalized recommendation for you
* We will provide a review/blog for your interaction with a website

**MOBILE APPLICATION**

* Select language in which you want to interact
* You will get Quranic verses, Hadith and Bayan according to your emotion
* Quranic verses, hadith will be provided with audio
* We are providing personalized recommendation according to user action
* Review and blog for your interaction with us or with fellow users

## Objectives

Giving medium or platform for users to feel connected to Allah

Allah beautifully reveals the link in a small ayah of the Holy Quran

“Verily in the remembrance of Allah do hearts find rest”

The Tawakkal O Sukoonproject will meet the following objectives:

1. Treating anxiety and depression spiritually
2. Building a positive attitude towards life
3. Providing Guidance through Islam

# Project Approach

We are developing a mobile application using Android Studio. Firstly, we will make login and

Signup for users to maintain their profile then we will make the user interface of our application*.*

In our application there will be a feature of personalized recommendation, with the help of that we will give the recommendations, suggestions according to user action. We are providing Quranic verses, hadith, dua’s with translation and audio feature you can add your favorite hadith, dua, or verse into add to favorites section if you want to listen or read again

There will be a feature testing your anxiety, depression level with the help of a questionnaire through which we get to know your current mental state.Another important feature is feedback/blog where we are providing chat room community you can type your experience and can interact with other users

All our users’ details will be managed through a Database using MySQL Server.

For user’s Guidance and information, there will be a website available developed with HTML and CSS.

## Tools and Technologies

1. **PHP**

**PHP** can provide a platform that makes a developer create an **app**, test an **app**, and finally deployment of a **mobile app. PHP** is the most popular scripting language for web development. It is free, open-source, and server-side (the code is executed on the server).

1. **MYSQL**

Structured Query Language (MY**SQL**) is the standard and most widely **used** programming language for relational databases. It is **used** to manage and organize data in all sorts of systems in which various data relationships exist. MY**SQL** is a valuable programming language with strong career prospects.

1. **Android studio**

**Android Studio** provides a unified environment where you can build apps for **Android** phones, tablets, **Android** Wear, **Android** TV, and **Android** Auto. Structured code modules allow you to divide your project into units of functionality that you can independently build, test, and debug

* **HTML and CSS**

We used **HTML and CSS** because of Cost-effective Multi-Platform Development Good page ranking

Offline browsing

Better mobile access to Business Intelligence

Extension of video to a wide range of platforms

A better user experience

## Estimated Duration

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Tentative Date** | **Deliverable(s) completed** |
| Project Requirement Analysis | April 2021 | SRS (Software Requirement Specification) |
| Project Designing and Prototyping | May 2021 | Design Document, and prototype |
| Project Development | June 2021 | Developing Mobile Application |
| Project Development | August 2021 | Working On AR and 3D Technology |
| Project Development | September 2021 | Working On Database |
| Project Testing | November 2021 | Test plans and their execution |
| Project Deployment | December 2021 | Deployed software, software releases notes |
| Project Conclusion | December 2021 | Project closure and its documentation |

# Market and Competition

1. What research have you conducted to understand your market, including your industry, regions, customers, competitors?

Nowadays psychology issues such as depression, anxiety sadness, etc. are common among older, adults, and among the youngster and we observe this problem through media, social media, personal experience, and by interviewing friends and family.

We also researched our competitors that how they try to resolve these issues and how much they are successful in their target.

1. Similar Products Available

**Competitor 1**:

Sujood, United States US, https://www.sujood.co/:

**Strengths:** Unique feature called HeartBits It is a. database of short English phrases, along

with their Arabic translations

**Weaknesses**: It only displays only one Qur’anic verse and hadiths related to the users

feelings.

**Competitor 2:**

Pacifica, US, website: https://www.sanvello.com/

**Strengths:** The app contains a wide range of professional-grade meditation tools, mood-

tracking tools, self-help guides, a health-tracker, daily challenges, and goal tracking

**Weaknesses:** It does not connect users to Islam and it is highly expansive.

1. What sets your product/project apart from your competitors?

**Strengths:** It will connect the user with Allah and heal their problem through Qur’anic verse and hadiths. The core of our application that differentiates from other application is personalized recommendation that means our application will run according to the user action example our website will recommend user video, bayans, hadiths according to their choice and feelings and also if still, their problem won’t solve through our application user can attend psychology personal sessions.

**Weaknesses:** our application will not provide 24/7 interaction with psychologists. The user

has to make an appointment with the psychologist

**Current or future opportunities:** Tawakul O Sukoon will fulfill the needs of the heart.

In the future, we are deciding to use this application for commercial purposes and by this,

we mean we can charge users for psychology sessions.

1. How do you or will you promote your business?

There are several methods to promote the application some of these are as follows.

* One of the famous or easiest methods through social media(Facebook, Instagram, Twitter, etc.)
* Further, this application is promoted through Islamic scholars by interviewing or recommendation
* Also, the psychologist can recommend to their patients
* Also, the application is promoted through general discussion with friend and family