Acknowledgements

It is normal to thank those people who have given especially helpful help, specialized or something else, amid your task. Your administrator will clearly be satisfied to be recognized as he or she will have contributed a considerable amount of time managing your advance.

For the sake of ALLAH, the most kind and generally benevolent

I might want to because of my folks who kept support me up in every one of the circumstances, both monetarily and ethically…

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I am thankful to the God All-powerful who gives every one of the assets of each kind to us, with the goal that we make their legitimate use for the advantage of humanity. May He continue giving every one of us the assets, and the direction to continue helping the mankind.

Abstract

This project is made to facilitate people to read Quran .we are focusing on the importance of Quran with this app .where we can read Quran and Dua’s .It consumes less storage in mobile or pc other than different apps .Through counter user easily know how much they read Dua’s.

INTRODUCTION

Our project “**AL-QURAN**” is basically Android application. Now a days people mostly use mobiles for many purposes so we create this app for kids ,teenagers and elders. Busy peoples use easily when you are going to school ,universities offices, hospitals, and out of city or country. This app is to enhance their Islamic knowledge .very comprehensive app. People can register and login for this app .

PROJECT OVERVIEW

The system is developed and designed keeping in mind that it should be user friendly, easy to use and should be efficient at working. it will manage the database of registered users and it will facilitate to read Quran and Dua’s. It will provide the way to serve humanity.

PROJECT SCOPE

scope of this project is to facilitate the user that user can install this app in their smart phones, laptop and tablets to earn many rewards by reciting Quran even when traveling.it covers less space of memory.so it never hang. You can read Quran and Duas’s anytime and anywhere through this app.

PROPOSED SOLUTION

Our system will provide efficient computerized working environment that will help to manage the database of Quran and Dua’s. The registered person data saved in database and the database can be maintained for longer period of time.

PROPOSED SYSTEM COMPONENTS

Register:

New user will added to the list. Maintain the Quran and Dua database.update the new user list and administrator manage the record in database.

Login:

Administrator will login by entering his name and password after registration.

Counter:

Counter is used for counting the number of duas are read .so they maintain the records.

Quran:

User read Quran with translation in English.

Dua’s:

user read Duas and set a counter which is easier to recognize.

USER INTERFACE:

The user interface of this system is user friendly. Our system includes a menu bar, working links toolbar, buttons and other controls . It is easy to view the Quran and Duas.

MAIN FEATURES OF THE PROPOSED SYSTEM:

The “AL-QURAN” has the following main features.

Efficiency:

This system will provide efficient working environment as more output will be generated in less time .it consume less memory.it never hangs.

User friendly interface:

The interface of our systems is user friendly. Our system includes menu bar, buttons, and other controls.it is easy for the user to view and use .An unexperienced man can also understand this design easily.

INTRODUCTION TO TOOLS AND TECHNOLOGIES USED

Android studio

it is official integrated development environment(IDE) .it is available for download on Windows, macOS and Linux based operating systems.it was announced on May 16,2013 at Google I/o conference.the following features are provides in current version: Gradle based build support,Android –specific refactoring and quick fixes, and Built –in support for Google cloud platform,enabling integration with Firebase Cloud Messaging (Earlier’Google Cloud Messaging’) and Google App Engine.

Use for java and interface

SQLite

it is an in-process library that impements a Self-contained, server less, zero-configuration,transactional SQL database engine. SQLite does not have a separate server process. SQLite reads and writes directly to ordinary disk files.A compete SQ database with multiple tables,indices,triggers,and views, is contained in a single disk file.The database Fie-format is cross- patforms-you can freely copy a database between 32-bit and 64-bit systems.

we use for manage database

Adobe Photoshop

it is a raster graphics editor developed and published by Adope Systems for macOS and windows. it was created in 1988 by Thomas and john knoll.

we use for creating logo,poster,cd-cover etc

Summary of chapter 1:

Introduction the project of ALQURAN .Describe the Project overview,project scope,proposed solution system component,user interface,main feature of AL-quran and introduce the too techniques which we are using in AL-QURAN.

SOFTWARE REQUIREMENTS SPECIFICATION

Purpose:

The Software Requirements specification document purpose and focuses to describe the main structure of the system, how its components interact with other, and the requirements of user met by the system. In other words,the SRS should completely describe the external behavior of the application or subsystem identified .it also explain and describes nonfunctional requirements ,design constraints and other factors necessary to provide a complete , broad and comprehensive description of the requirements for the designed software.

Document Conventions:

This document uses the following conventions:

DB DATABASE

ER ENTITY RELATIONSHIP

Functional Requirements:

* Login
* reading Quran and Duas with English translation
* counter

Non Functional Requirements:

* Efficiency
* Reliability
* Accuracy

Intended Audience and Reading Suggestions

This project is a Prototype for Quranic app. This has been implemented under the guidance of college professors. This project is usefull for the students and as well as to the office going and busy peoples. Keeping in mind the importance of islam and to facilitate the Muslim Umah and Non-Muslims ,we are launching a prestigious app namely “AL QURAN”.

Project Scope:

You can install this app in your smart phones, laptops, and tablets to earn bundles of rewards by reciting Quran even when traveling . This App is a real eye-opener for society from young to old.

References:

Overall Description:

Product Perspective:

AL QURAN App is a application in which we achieve the knowledge of islam.

* improves the Islamic knowledge
* This app is consume less memory in storage
* Provides increased user satisfaction.
* Easily accessible

Product Functions:

* login and register (Manage all detail in database)
* update and reset the counter
* read Quran and daily routine Duas

User Classes and Characteristics

* This system AL QURAN it maintain Administration level.

The principal recognizing trademark is the supreme legitimacy of its source. The second trademark highlight of the Qur'an is the nature of its substance: its lessons are really unique and have not been received or counterfeited. It is the obligation of an expository examination to demonstrate this reality. The third normal for the Qur'an is its Heavenly personality: its lessons have been conveyed to the Prophet from a world that rises above his idea and brain. The Prophet (S) was just a beneficiary of this disclosure and message. This is the outcome that we get from the investigation of the sources and underlying foundations of the Qur'an.

Operating Environment:

**Hardware**

* Company(Dell , HP)
* Processor(64 bits)
* RAM(4 GB)

Software:

* Android studio
* SQLite
* API
* Adobe Photoshop (CS6)

Design and Implementation Constrains

1. The worldwide pattern, discontinuity blueprint, and portion composition.

2. SQL orders for above inquiries/applications

3. How the reaction for application 1 and 2 will be created. Accepting these are worldwide inquiries. Clarify how different sections will be consolidated to do as such.

4. Implement the database at any rate utilizing a unified database administration framework.

5. it is easily accessible even at home on android phones.

User Documentation:

* Document
* Videos

Hence:

## <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.656.5061&rep=rep1&type=pdf>

* https://www.researchgate.net/publication/298789723\_Users\_Awareness\_on\_the\_Authenticity\_of\_Mobile\_Quran\_Apps

Assumptions and Dependencies:

Islam gives every one of us direction to serve the mankind. We are centering to convey the genuine picture of Islam with the assistance of innovation since innovation is a definitive reality. Analysis of the Quran from a scholastic perspective. Easy to comprehend this Application for users. Quran's part inside Islam and its importance to Muslims.

System Features:

Arranging the utilitarian necessities for the item by framework includes, the real administrations gave by the item.

System Features;

Description and Priority:

The Quranic application keeps up entire quran, and Duas in this app with English translation and counter. Obviously, this undertaking has a high need since it is extremely troublesome for occupied individuals to discuss quran.it also consume less space in memory.

Stimulus/Response Sequences

* QURAN database is stored
* Each Duas counter stored their value in database

Functional Requirements

Other system features include:

Functional necessities characterize the capacities and capacities that a framework must have the capacity to perform effectively. The useful necessities of this lost individual tracker framework include:

REQ-1: This app will consume less storage in memory

REQ-2: It maintain the database

# External Interface Requirements

## User Interfaces

* Front-end software: android studio
* Back-end software: SQLlite

## Hardware Interfaces

* Windows.
* A browser which supports Java
* Tomcat server

## Software Interfaces

|  |  |
| --- | --- |
| **Software used** | **Description** |
| Database | To save the quran we have chosen SQL+ database. |
| Android studio | To implement the project we have chosen android studio to create interface and perform actions |
| Adobe Photoshop | Creating logos , poster and CD cover |
| API | An arrangement of capacities and strategies that permit the making of utilizations which get to the highlights or information of a working framework, application, or other administration. |

## Communications Interfaces

This project run on all types of android phones and emulator.

# Other Nonfunctional Requirements

## Performance Requirements

## The steps involved to perform the implementation of app are as listed below.

* The time system requires to process and respond when a user key in the Identification username and password
* The system shall accommodate high number of records and user without any fault.

An) E-R Diagram

The E-R Diagram constitutes a method for speaking to the consistent structure of a database in a pictorial way. This examination is then used to arrange information as a connection, normalizing connection lastly getting a connection database.

 ENTITIES: Which determine unmistakable true things in an application.

 PROPERTIES/Characteristics: Which indicate properties of an element and connections.

 RELATIONSHIPS: Which interface substances and speak to significant conditions between them.

 B) Standardization:

 The essential target of standardization is to decrease excess which implies that data is to be put away just once. Putting away data a few times prompts wastage of storage room and increment in the aggregate size of the information put away.

 If a database isn't appropriately planned it can offer ascent to adjustment inconsistencies. Adjustment abnormalities emerge when information is added to, changed or erased from a database table. Correspondingly, in customary databases and despicably planned social databases, information repetition can be an issue. These can be wiped out by normalizing a database.

 Normalization is the way toward separating a table into littler tables. So each table manages a solitary topic. There are three various types of alterations of irregularities and detailed the primary, second and third ordinary structures (3NF) is viewed as adequate for most reasonable purposes. It ought to be viewed as simply after a careful examination and finish comprehension of its suggestions.

## Security Requirements

Security frameworks require database stockpiling simply like numerous different applications. In any case, the uncommon necessities of the security showcase imply that sellers must pick their database accomplice deliberately.

## SOFTWARE QUALITY ATTRIBUTES

AVAILABILITY: The flight ought to be accessible on the predefined date and determined time the same number of clients are doing bookings ahead of time.

 CORRECTNESS: The flight should achieve begin from amend begin terminal and should achieve the right goal.

 MAINTAINABILITY: The overseers and flight in chargers ought to keep up redress timetables of flights.

 USABILITY: The flight timetables ought to fulfill a most extreme number of clients needs.

**Summary of chapter 2:**

A **software requirements specification** (**SRS**) is a description of a software system to be developed. It lays out functional and [non-functional requirements](https://en.wikipedia.org/wiki/Non-functional_requirements), and may include a set of use cases that describe user interactions that the software must provide and user interfaces and hardware interfaces are describe.