MyTutor Project Report

Dean Marques

Douglas College

CSIS 3175 - 050: Mobile Application Development

Prof. Xing Liu

December 12, 2022

Table of Contents

[Project Description 3](#_Toc121673153)

[Design 4](#_Toc121673154)

[Implementation 5](#_Toc121673155)

[Testing 9](#_Toc121673156)

[User-guide 11](#_Toc121673157)

[Conclusion 15](#_Toc121673158)

[References 16](#_Toc121673159)

# Project Description

MyTutor is a tutor booking service. This service allows users to access tutors for various subjects. Tutors are a popular resource that students of various ages use to help assist the student with their schoolwork.

MyTutor is designed be easy-to-use by clients and accessible. Since most students who use tutors are younger, often parents are the ones who book their appointments for various activities. Many parents are not very technologically literate. MyTutor simple design allows parents to use the application more easily.

MyTutor provides users with a simple easy-to-use tutor booking service.

# Design

To start the design process of MyTutor a basic flow chart was created to help visualize the implementation and design of the application.

**Text

Description automatically generated**A piece of paper with writing on it

Description automatically generated

# Implementation

Buttons are used to enact functions built into MyTutor

Graphical user interface

Description automatically generated

ImageView is used to display icons throughout the application to enhance the aesthetic of the application.

A picture containing icon

Description automatically generated

PlainText is used to prompt users to receive appointment information.

Shape, rectangle

Description automatically generated

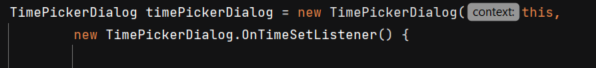
TextView being used to display information to the user.

Text

Description automatically generated

Date and time picker is used to allow the user to choose an appointment time.

Calendar

Description automatically generated

Constraint layout used for as majority of the layout of the application.

Chart

Description automatically generated with medium confidence

Linear layout used in MathAppointments.xml and CSAppointments.xml

Text

Description automatically generated

Shared Preferences is used to store appointment data. Shared Preferences acts as the external server in this case.

Graphical user interface, text, application

Description automatically generated

Intent is used to cycle through the different screens of MyTutor.

Graphical user interface, text, application, chat or text message

Description automatically generated

# Testing

MyTutor is designed to make sure users are only booking within certain times and at the beginning of the hour. Users are only supposed to book between 15:00-21:00.

Case #1: User books outside the desired times.

Graphical user interface, text, application, chat or text message

Description automatically generated

Error message will show if user does not follow the correct instructions.

Graphical user interface, text, application

Description automatically generated

**Case #2: User does not book at the beginning of the hour.**

Graphical user interface

Description automatically generated with medium confidence

Error message will show.

Graphical user interface, text, application

Description automatically generated

# User-guide

Step #1: Open application which will direct to the home page.

A picture containing circle

Description automatically generated

Step #2: Select the subject you wish to book a tutor for.

Graphical user interface, text, application, email, Teams

Description automatically generated

Step #3: Choose a date and time you would like to book a tutor for.

Graphical user interface

Description automatically generated

Step #3.1: Select a date

Graphical user interface, calendar

Description automatically generated

Step #3.2: Select a time.

A picture containing text, clock

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

Step #4: You will be directed to a confirmation screen showing your appointment date and time.

Graphical user interface, application

Description automatically generated with medium confidence

# Conclusion

MyTutor provides users with a easy-to-use tutor booking service. It is very accessible and allows parents who are not well versed in technology to book tutor appointments.

MyTutor would ideally be connected to an external server and database that would store user and tutor data for clients to access, however I did not learn that within the class.

Overall MyTutor achieves its purpose and provides a good booking service to find tutors. It provides a good template to further expand on and create a more intuitive application.

# References

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