



Backswing Mobile Application

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Github: <https://github.com/LoganWongbangchuad/BackswingMobileApp>

Senior Design Project




Overview

Backswing is the ultimate destination for golf enthusiasts. With Backswing, you can share and compare your golf scores, whether globally or just among friends, creating a truly connected experience on and off the course. Through frameworks, such as .NET MAUI with Blazer Hybrid and Bootstrap and using a local database SQLite, I created a fully functional and great looking mobile app that can awaken your competitive side.



Project objective



The objective is to provide an intuitive platform for golf enthusiasts to improve their skills and enhance their game experience. By integrating leaderboards and a social aspect, Backswing aims to empower users to track progress, achieve their goals, and connect with a community of players. The app delivers a seamless and great experience, fostering improvement and enjoyment for golfers of all skill levels.



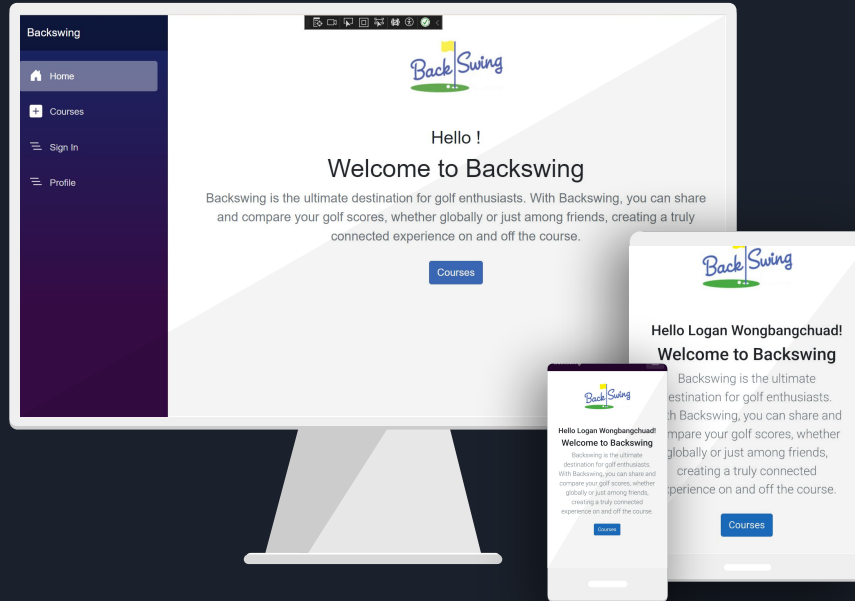
Target audience

The target audience for Backswing includes golfers of all skill levels, ranging from beginners still learning the basics to seasoned players. This app is meant for competitive players looking to connect with other players and awaken their competitive side on the course.

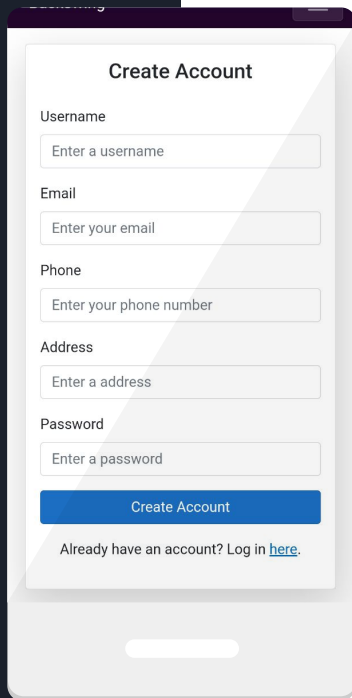
Introducing: Backswing

The multi-platform golf application

Presenting the home screen of the Backswing mobile application.



Sign Up Page



Create Account

Username

Email

Phone

Address

Password

Create Account

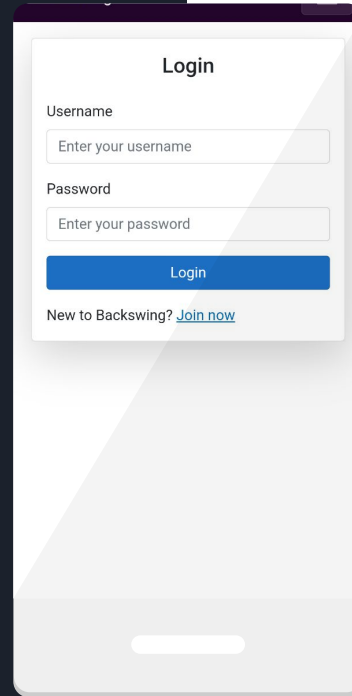
Already have an account? Log in [here](#).

From this page the user can register to Backswing by entering information, such as, a username, email, phone number, address, and password.



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Login Page

A mockup of a mobile app login screen. The screen is white with a dark blue header. The title 'Login' is centered at the top. Below it are two input fields: 'Username' with the placeholder 'Enter your username' and 'Password' with the placeholder 'Enter your password'. A blue 'Login' button is centered below the password field. At the bottom, there is a link 'New to Backswing? [Join now](#)'.

Login

Username

Enter your username

Password

Enter your password

Login

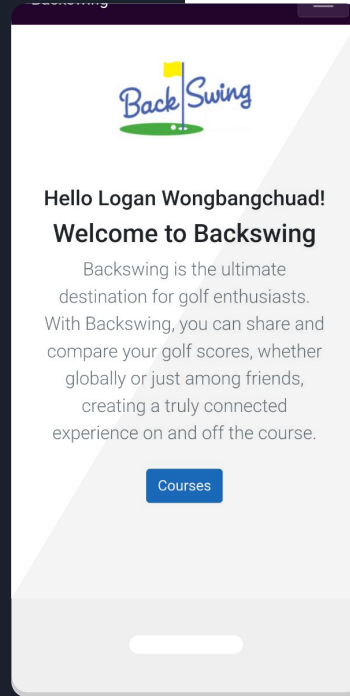
New to Backswing? [Join now](#)

After registering, the user will be prompted to log in by entering their username and password.



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Home Page

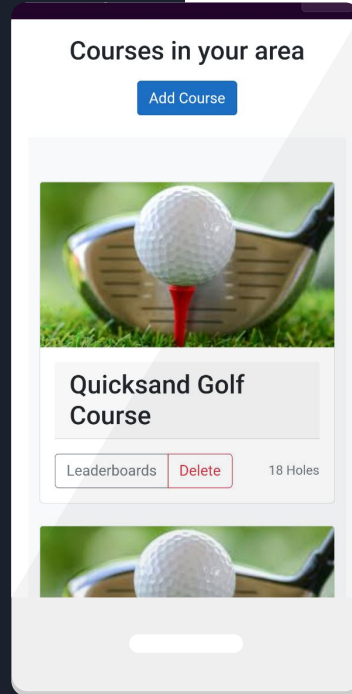


Once logged in, the user will be redirected to the home page where their username will be displayed, along with a message demonstrating the use of Backswing.



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Courses Page



From the home page, the user may advance to the courses page, which will display the list of courses they may view the leaderboards to. If the user does not see the course they want to view, the user can add a course.



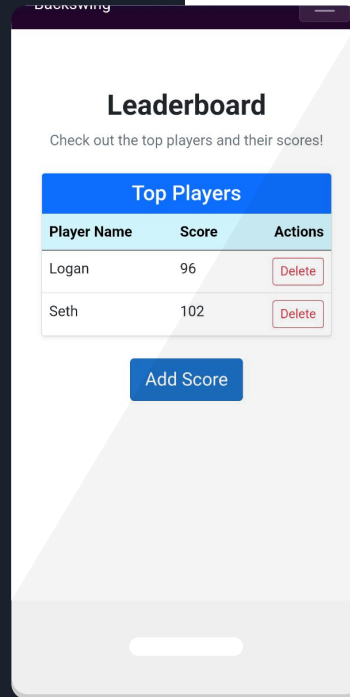
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Add course page

A screenshot of a mobile application interface for adding a new course. The page has a white background with a dark purple header bar. The title 'Add the Course' is centered at the top. Below the title, there are two input fields: the first is labeled 'Name' and contains the placeholder text 'Course Name'; the second is labeled 'Holes' and contains the number '0'. A blue button with the text 'Add Course' is positioned below the 'Holes' field. The entire interface is displayed within a grey smartphone frame with a white home indicator bar at the bottom.

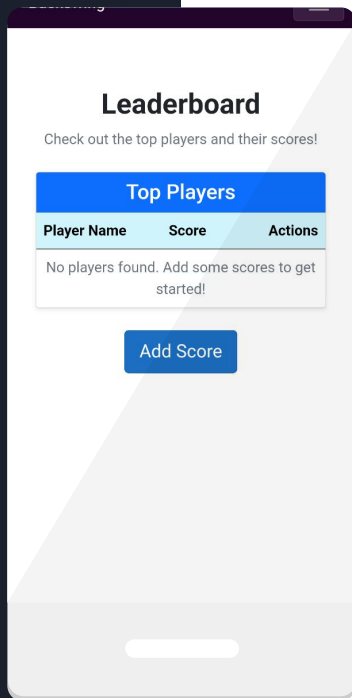
On the add course page, the user will be prompted to enter the course name and the number of holes. After submitting the course, their changes will be reflected along the courses page.

Leaderboard Page



From the courses page, a user will also have the option to view the leaderboards by clicking the button located on all the courses. From the leaderboard page, the user will see different players names and scores that previously uploaded scores to the course.

Empty Leaderboard Page

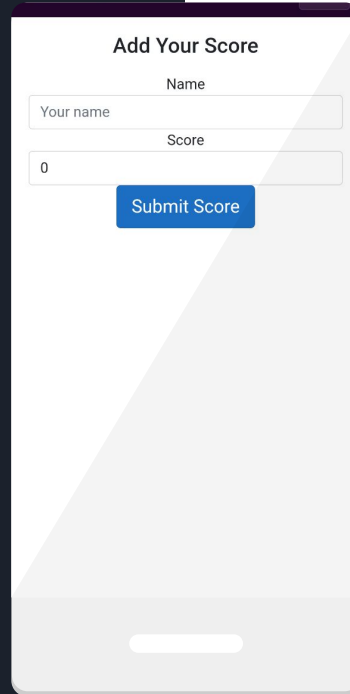


If no user has previously uploaded a score to the leaderboard, a personalized message will display encouraging them to upload a score of their own.



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Upload Score Page



The image shows a mobile app interface for uploading a score. The screen is titled "Add Your Score". It features two input fields: "Name" with the placeholder text "Your name" and "Score" with the placeholder text "0". Below these fields is a blue button labeled "Submit Score". The interface is displayed on a smartphone screen with a dark purple status bar at the top and a white home indicator bar at the bottom.

Add Your Score

Name

Your name

Score

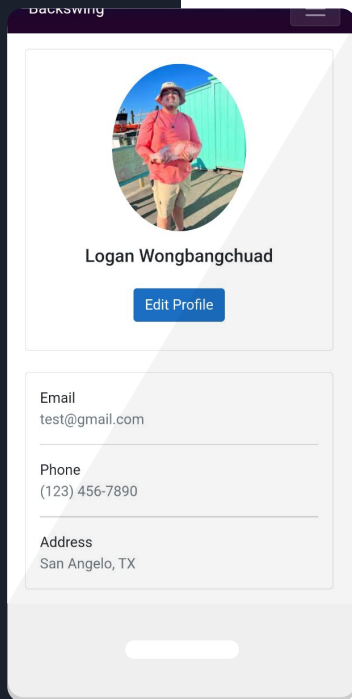
0

Submit Score

If a player wishes to upload a score, they can click the add score button on the leaderboards page, once doing so, they will be redirected to a page which will prompt them to enter their name and the score they made on that course. After clicking submit, their score will be reflected across the leaderboard page.

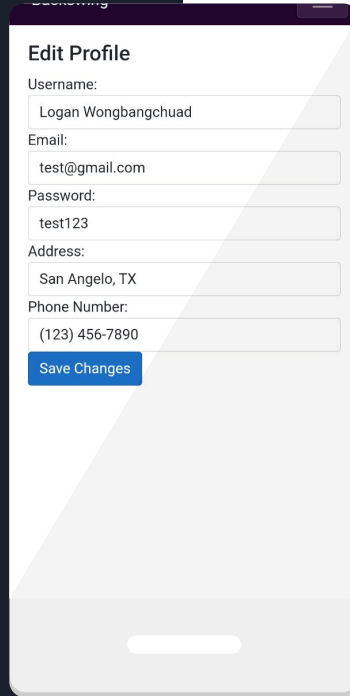
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Profile Page



When using the app, the user will also be able to view their profile, where they can view some of their information, such as their email, phone, and address.

Edit Profile Page



Edit Profile

Username:
Logan Wongbangchuad

Email:
test@gmail.com

Password:
test123

Address:
San Angelo, TX

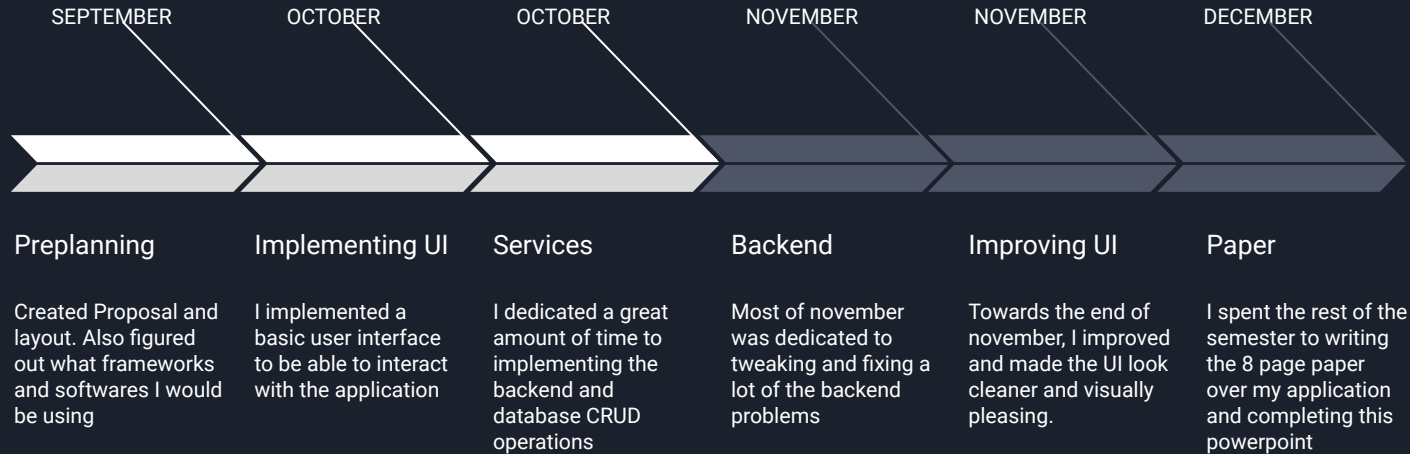
Phone Number:
(123) 456-7890

[Save Changes](#)

The user will also be given the option to edit their profile by clicking the button on the profile page. From here they can change their information as needed, which will be reflected on the profile page once clicking save changes.



Project timeline





Thank you!

This was my presentation over the application I created throughout the semester.

