Clock Application: Alarm

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Objective

- The objective of this project is to implement an alarm clock app that will stop ringing until a specific obstacle is passed. This alarm app will help eliminate procrastination by eliminating recurring alarm settings, prioritizing their punctuality as well as continuing with their busy schedule. This alarm will be compatible with both Android and IOS systems.

Functional Features

- Popup widget displaying on the screen
- A minimalistic screen
- Accessing the pop-up window, to complete the verification process
- Closing the pop-up upon completion to silence the alarm
- Potentially allowing the user to position and resize the window to their preference

Implementation Tools

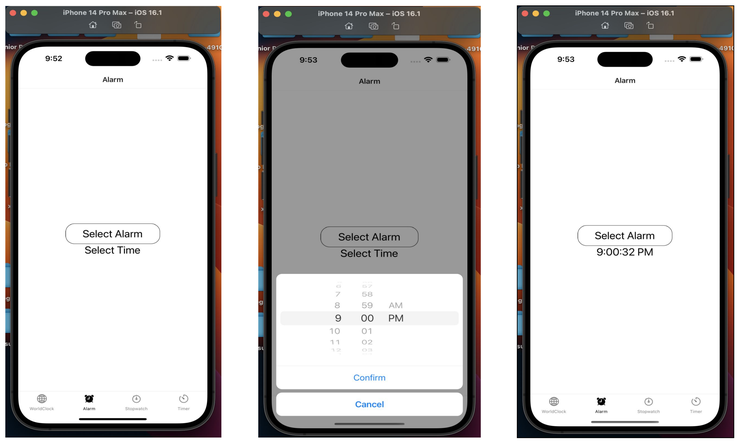
- Implementing platform, framework, languages, and both Android and iOS simulators

Mobile Clock App: Alarm 'Ring Ring'

- Implementing a bottom navigation bar for the user to select from different screens.
- Allow the user to select their desired time and display their selected time on the screen.

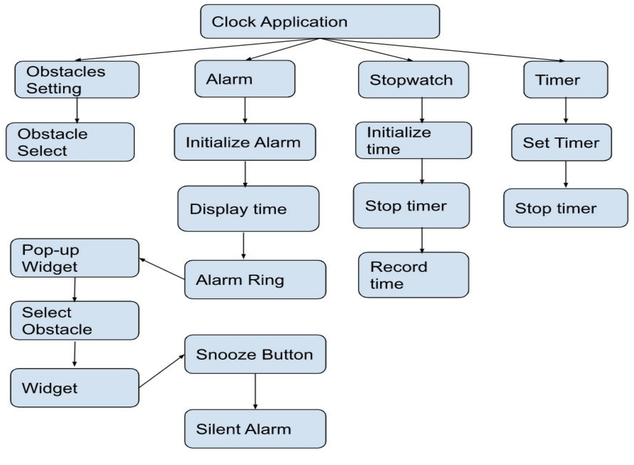
Figure - User interface: Alarm

- Allows the user to select their desired time



Flow Diagram

- Illustrating System Architecture Diagram



Target Market

- Practically everyone who wants or needs to wake up early use an alarm clock or alarm app regardless of their age
- Often, alarm users will hit the snooze button on their device and unintentionally sleep in longer than needed
- This can lead to them waking up later than expected and cause them to rush early mornings
- Some alarm users will set multiple alarms in 5-15 minutes intervals and still sleep through a few of them
- This causes those few extra alarms that are set to be redundant and unnecessary

Development Schedule

- Important Development Dates as well as Objectives

Dates	Objectives	Responsibilities
October 14, 2022	Project Proposal	Andrew, Michael, and Ranbir
October 28, 2022	Proposal Pitch Presentation	Andrew, Michael, and Ranbir
December 6, 2022	End of Progress Report	Andrew Nguyen
December 9, 2022	End of Term Presentation	Andrew, Michael, and Ranbir
January 23, 2023	Requirements	Andrew, Michael, and Ranbir
January 27, 2023	Implementations	Andrew, Michael, and Ranbir
February 05,2023	Design and Setup	Andrew Nguyen
February 10,2023	Startup Framework	Andrew Nguyen
February 13,2023	Implementations: - Obstacle setting - Alarm Screen - Stopwatch Screen - Timer Screen	 Michael AJ Abab Andrew, Michael, and Ranbir Andrew Nguyen Ranbir Grewal
February 20,2023	Verification testing: Group screen	Andrew, Michael, and Ranbir
March 13, 2023	Assessing individual screens	Andrew, Michael, and Ranbir
April 27, 2023	Expo	Andrew, Michael, and Ranbir
May 05, 2023	Finalization	Andrew, Michael, and Ranbir