



Smart Time Entry Application

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Supported by



Project Overview

Users Can

Accurately log time and location.

Create geo-fences that will alert them when entering and exiting a location

Receive alerts on a paired Pebble Smart Watch

View their time logs on their Android Device

Android

Purpose

Create Activities with geo-fences , log work/break time and view time logs.

Details

The user can create activities which have an associated geo-fence. On entering/exiting the geo-fence the user can start/stop logging time. The user can view all previous time logs.

Pebble

Purpose

Optional interface to the Time Entry portion of the application.

Details

Alerts will be sent to the watch when entering or exiting a geo-fence created in the Android Application. The user can start logging time, switch between time modes (work/break) and stop logging time

Pebble

Pebble Smart Watch v2.0
provided by Oracle



Android

Samsung Galaxy S4
provided by Oracle



Server

Django Framework

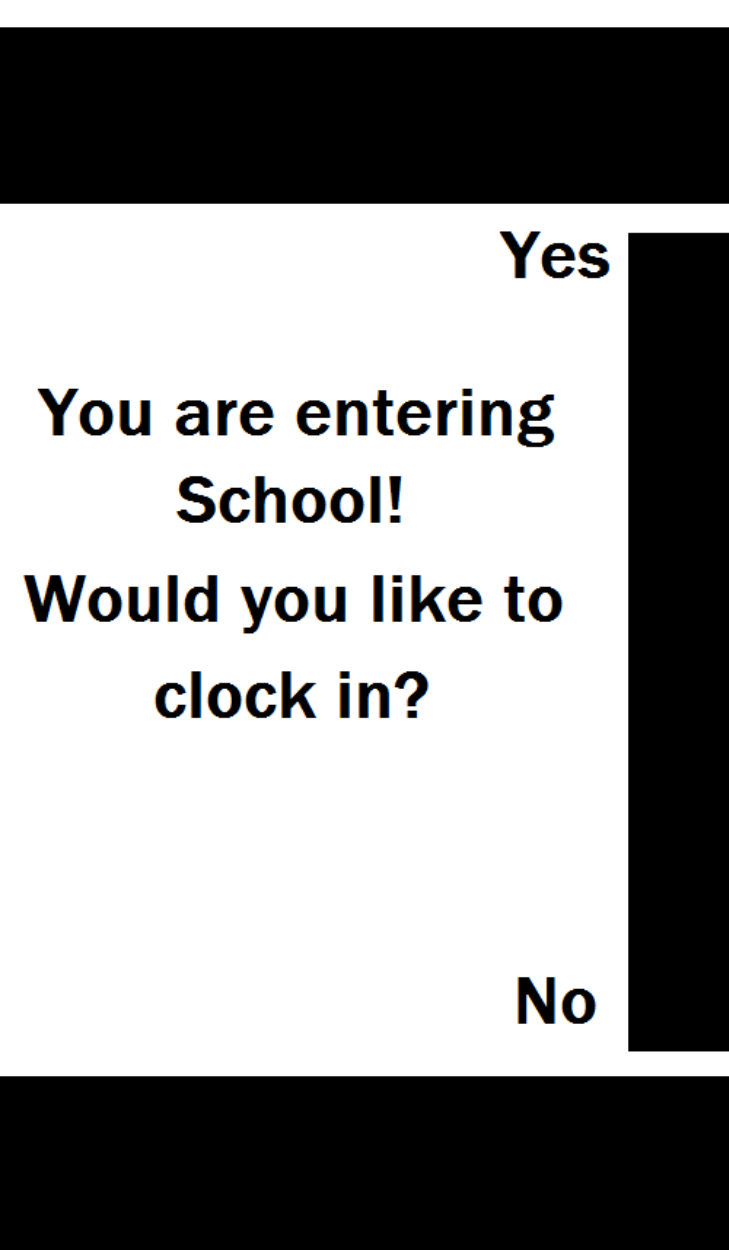
Purpose

Store persistent time entry logs

Details

When a time entry is completed, it is pushed to the server. When the Android Application requests a daily list of Time Entry Logs, the server provides it

Screenshots



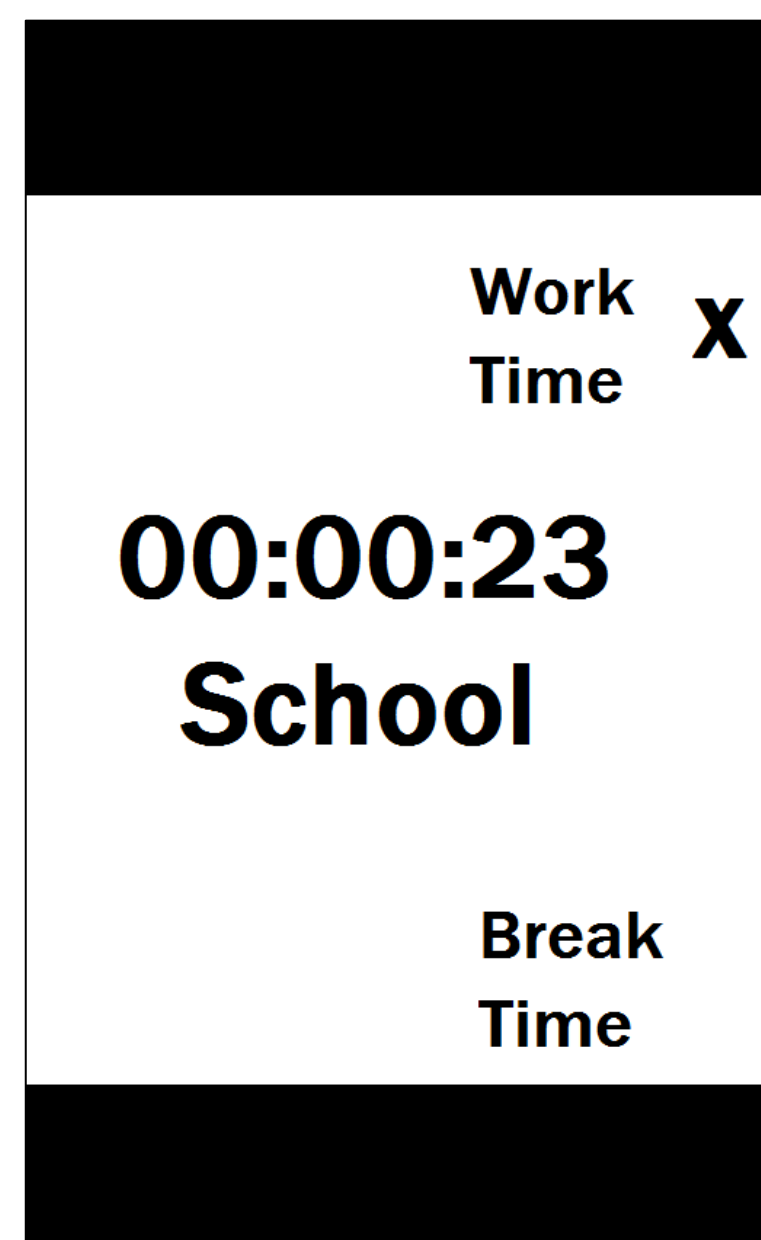
Entry Alert

Displays

- Location Entered
- Yes/No Option

User Can

- Start Logging Work Time
- Ignore



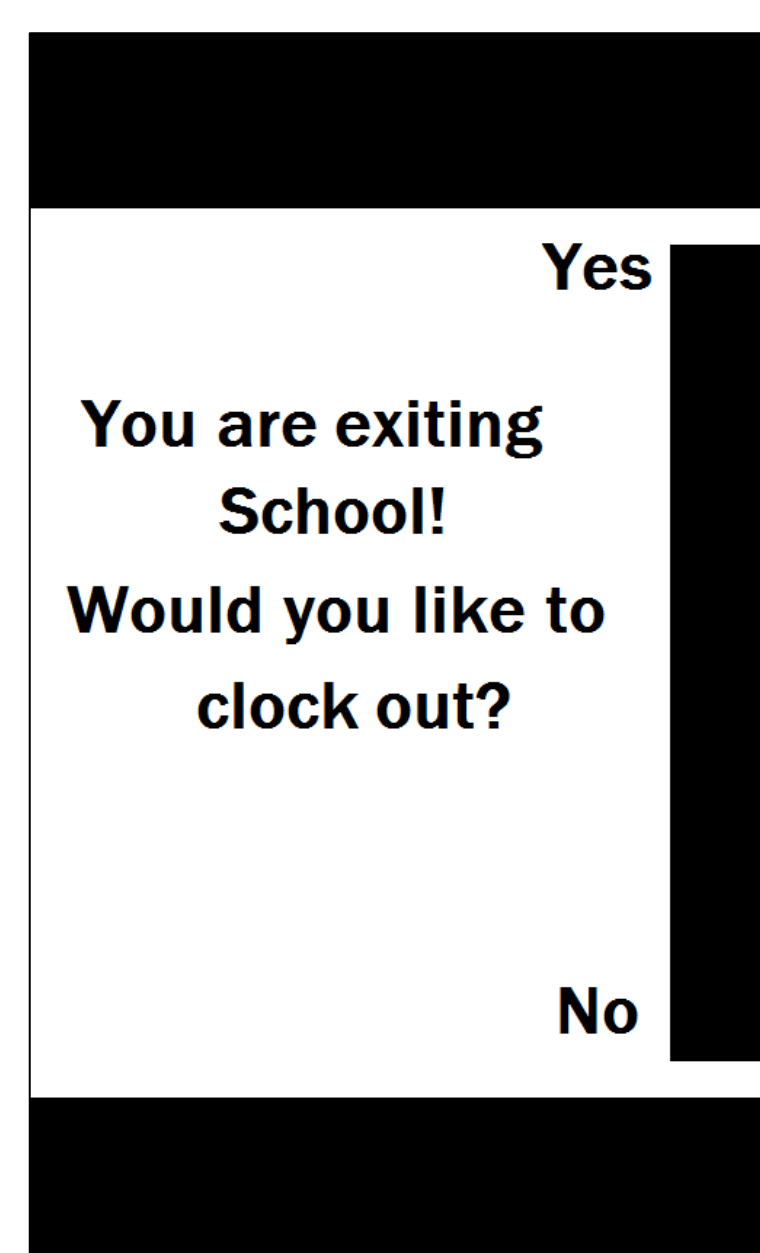
Time Entry Screen

Displays

- Location
- Current Running Time
- Current Logging Mode

User Can

- Start Work/Break Time
- Stop Time



Exit Alert

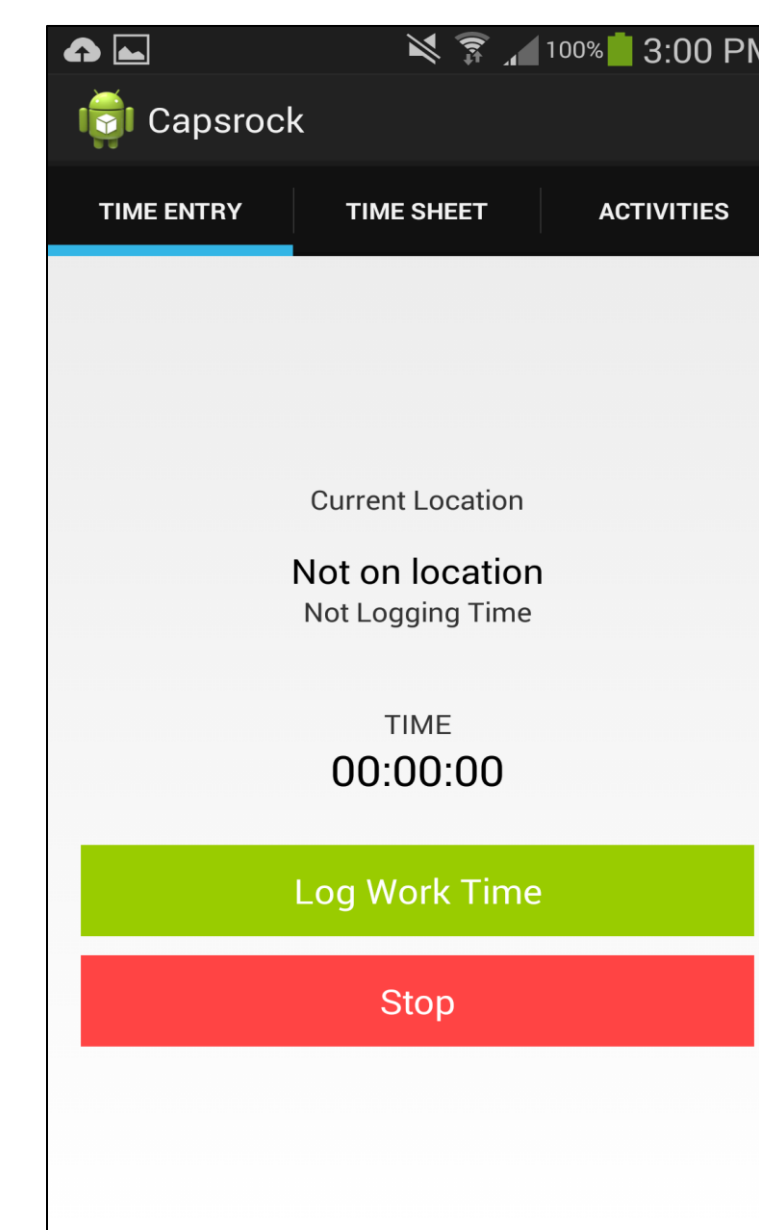
Displays

- Location Exited
- Yes/No Option

User Can

- Stop Logging Time
- Ignore

Screenshots



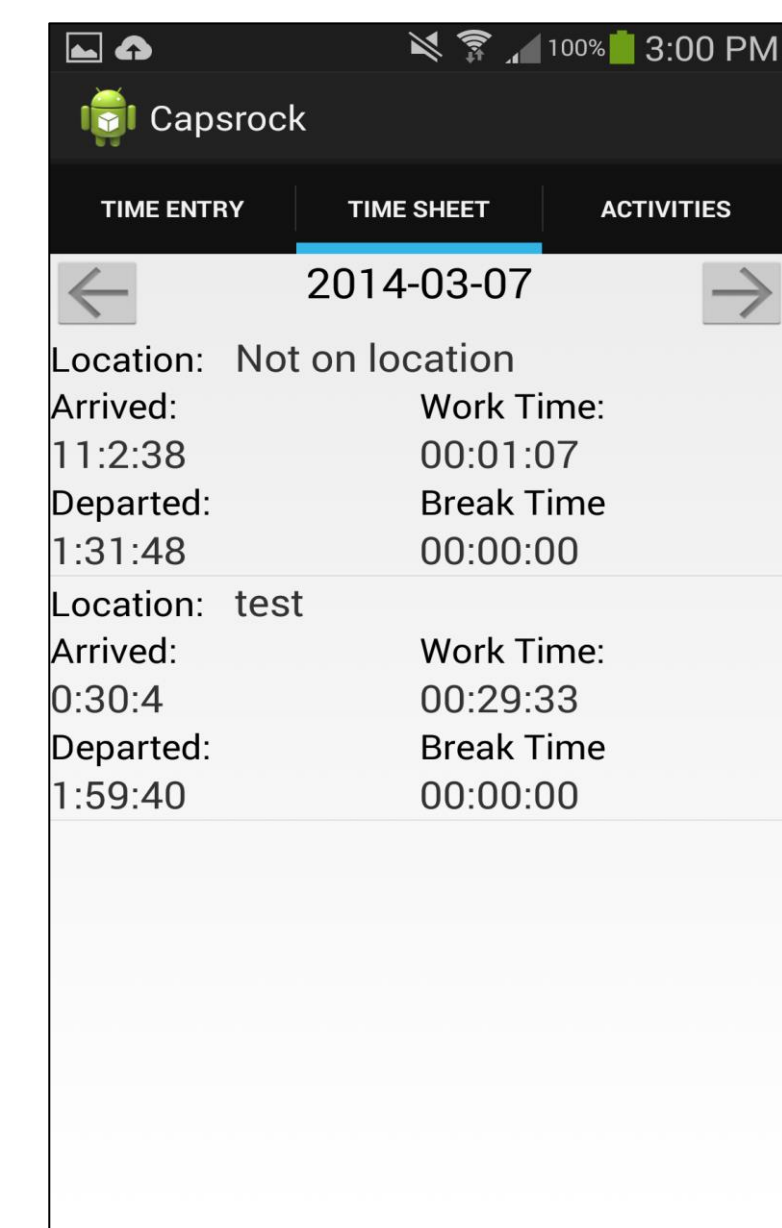
Time Entry Tab

Displays

- Location
- Current Running Time
- Current Logging Mode

User Can

- Start Work/Break Time
- Stop Time



Time Sheet Tab

Displays

- Daily Time Logs
- Summary By Location

User Can

- Select Date To Display



Activity Tab

Displays

- Daily Activities
- Name, Time, Address, Radius, And Note

User Can

- Select Date To Display
- Add Activity
- Delete Activity