
TimeQuest



User Manual

ECSE 424

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INTRODUCTION

Project

TimeQuest is an android application built to help users limit their phone usage. The goal of this app is not to restrict access but encourage and motivate users to save time throughout the day by challenging friends and winning rewards. This manual offers all the steps required for setting up the app and offers a set of instructions to go through the app.

Suggested hardware

Only a computer is needed to run the application on the emulator. Optionally the app can be run on an android phone with the latest OS if available and that is plugged to the computer using a USB cable.

Prototype limitations

For the purpose of testing only core features will be available on the app, which means not all features will be fully working.

App Installation

First download the APK file listed under the prototype implementation section.

To install the APK please use the following steps:

1. Before you can install it on your phone you will need to make sure that third-party apps are allowed on your device.
2. Go to **Menu > Settings > Security >** and check **Unknown Sources** to allow your phone to install apps from sources other than the Google Play Store.
3. **Newer versions of Android do things a little differently.** Rather than check a global setting to allow installation from unknown sources, you'll be prompted to allow your browser or file manager to install APKs the first time you attempt to do so.
4. If you like, you can also download a file manager app so you can easily find files on your Android device. We recommend our favorite file managers in our list of the [best file explorers for Android](#).

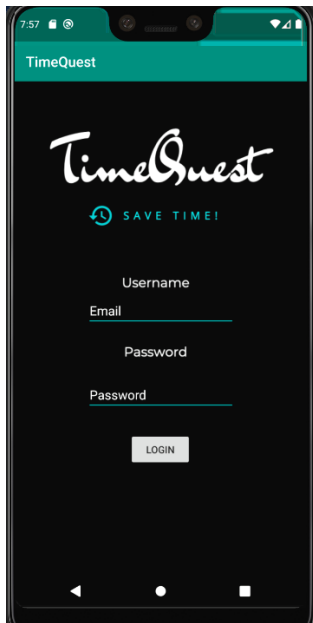
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5. Once you've downloaded the APK file on your computer, connect your Android device to it.
 6. At this point, you may be asked if you want to charge your phone or connect it as a 'media device.' Choose **Media device**.
 7. Then, find your phone's folder on your computer. It will be in 'My Computer' or 'Computer' on Windows (PC).
 8. Copy the APK file into a folder of your choice in your Android smartphone.
 9. You will now be able to search for the file location in the **My files** folder of your device.
 10. Find the APK file, tap it, then hit install.

APP SETUP

When first launching the app, users will be greeted with a series of setup pages.

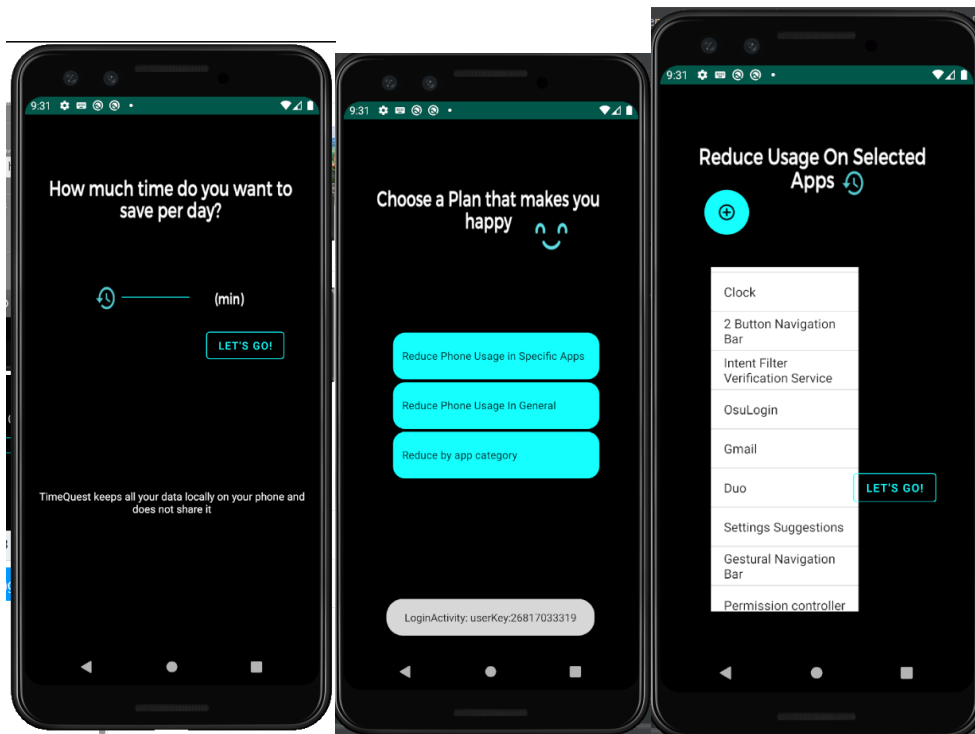
Login screen

The login screen allows the user to sign in into his account to be able to access the app. He must enter his email in the username text field and his password underneath. After entering the required data just tap the login button.



Usage limit

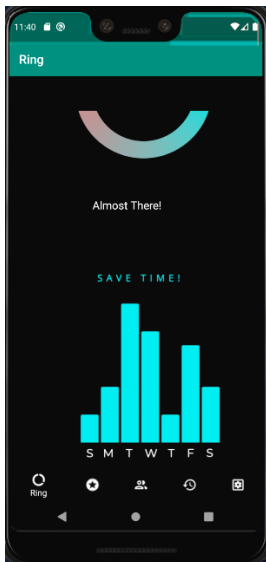
This page gives the option to choose one of the three usage limits: Limit total usage, limit by app and limit by category. Choosing the first option by tapping on it brings a page that prompts the user to enter the time he wants to save. Once a time is chosen, tap the “Let’s go” button. If the second option is chosen, then a page with the list of all apps shows up prompting the user to choose from the list of apps installed on his phone and once done, tap the “Let’s go” button. The last option brings a list of categories to choose from. After a category has been chosen, tap the “Let’s go” button to proceed to the next page.



STEP-BY-STEP PROCEDURES

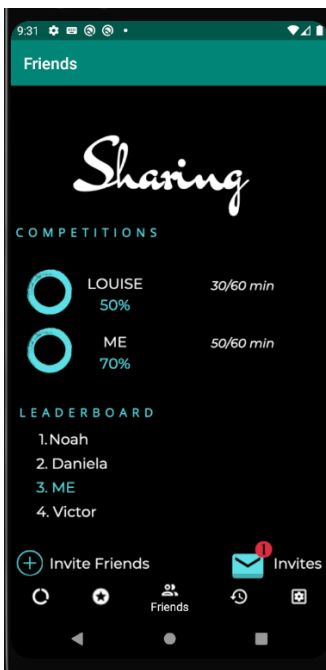
Checking today's usage

1. Open the application through the emulator or using an android phone. You will be greeted with the usage progress ring for the day. Scrolling down will bring a more detailed graph with filtering options by category and all the relevant data for the phone usage.



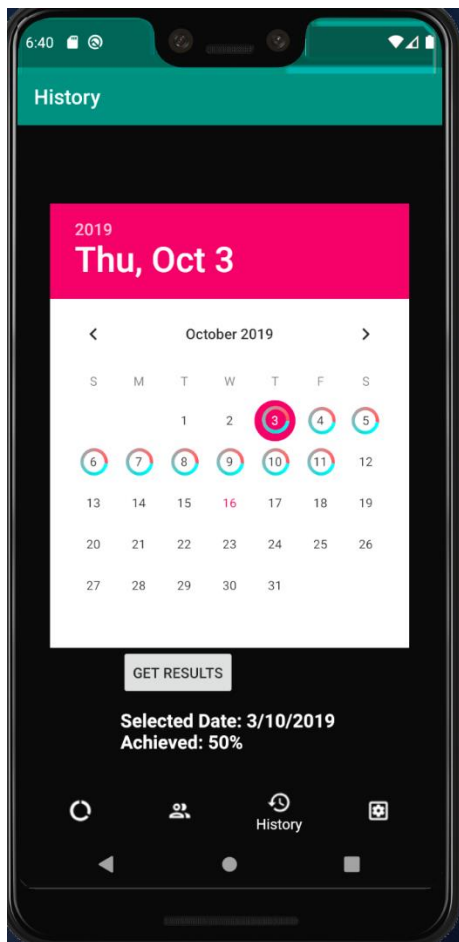
See friends' progress and challenge them

1. Tapping the “friends” icon on application tab in the bottom will take you to the friends page where all your added friend’s progress will be shown with a leaderboard below your competitions. Users have also the possibility to invite friends by pressing the + button and checking friend invites by tapping the envelope.



Viewing a detailed daily usage history

1. Tapping the “history” icon on application tab in the bottom will take you to the history page where you’ll see a calendar with the ring’s progress for each day in the past.



Viewing your awards

1. Tapping the “rewards” icon on the application tab in the bottom will take you to the rewards page where all your earned rewards from previous competitions will show up.



Changing settings and logging out

1. Tapping the “settings” icon on the application tab in the bottom will take you to the settings page where users can change their password, edit their goals by clicking the button with the pen icon and logout out of their account.

