

Team Name: The Four

Team Members: [Sergio Nogueira Jr. - <https://github.com/seno7509>] / [Askar Alaskar - <https://github.com/moal2839>] / [Mohammad Ghiasy - <https://github.com/paimang>]

Project Name: Planneradora

Team Number: 006

Section: 014

GitHub Repository:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_section014_6/

Planneradora Github:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_section014_6/tree/main/PlanneradoraAPP

Project Milestone 7

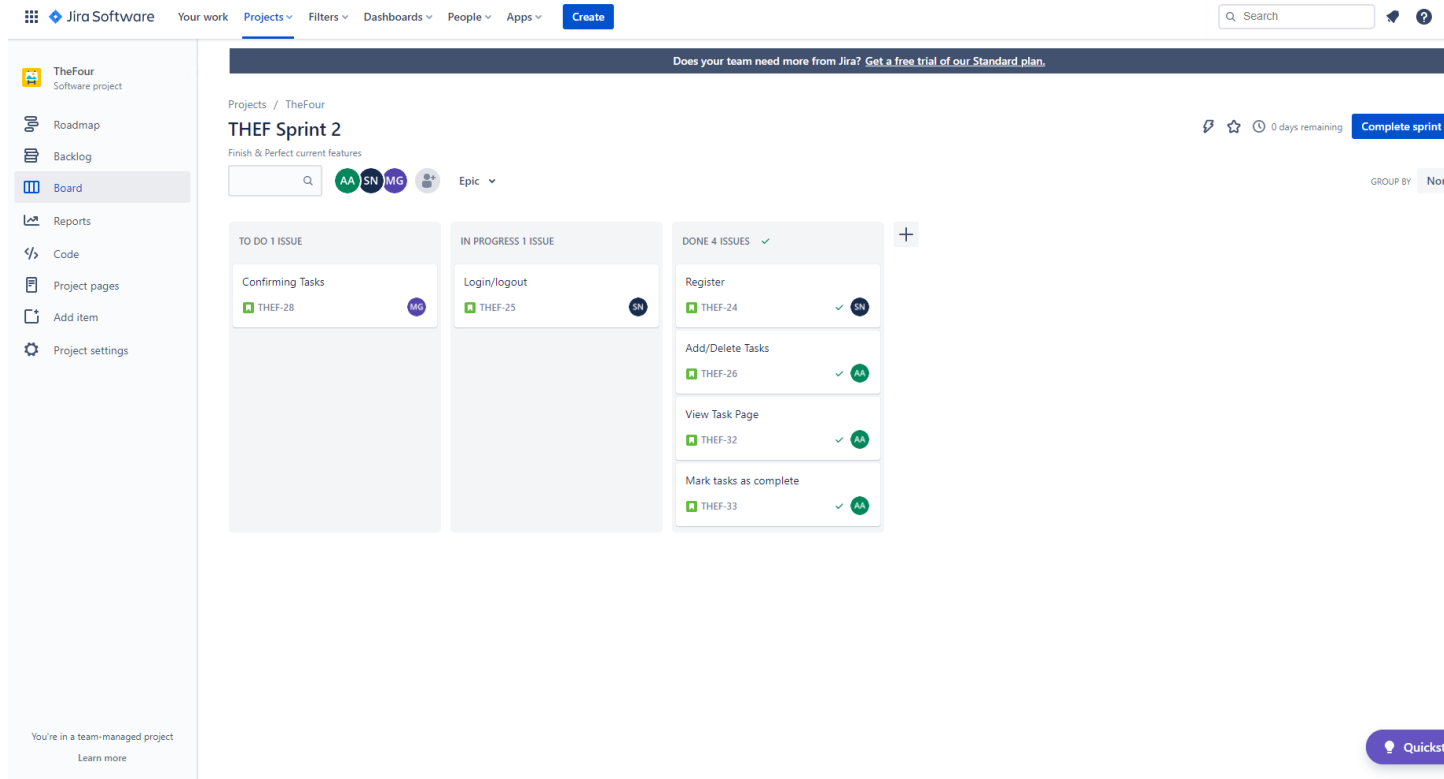
Project Description

Planneradora is an android mobile application that is designed to help people manage their daily/weekly tasks. The app keeps track of users and their tasks. Users can add tasks and the app will help keep track of the information about the tasks that the user defines such as the date, name, difficulty, and description. The user can also delete a task that they don't wish to do or mark the task as completed if they have finished that task. The application uses authentication from firebase to login or register users and it is also used to add tasks for users based on their id's. All the tasks are stored in firebase and are looked and fetched as soon as the user logs in to their account in Planneradora. Those tasks are fetched based on the User's id and they will show up on the main landing page of the application and that list gets update in realtime whenever a new task is added or deleted so that the user doesn't have to refresh the page or press a button to see their tasks.

Project Tracker

Jira:

<https://csci-3308-spring21-6.atlassian.net/jira/software/projects/THEF/boards/1>



Individual Contributions

Askar Alaskar: Made a view task page where the user can view all the details about the task and mark the task as completed if they have finished that task, delete the task if they don't wish to do it or just, view the details and press the back button to go back to the home page. Worked on firebase database to read, write, and remove data from the database. Worked on frontend with xml by making pages on the app and java on the backend to access firebase

authentication and firebase database. Features worked on: Adding/Deleting tasks, Add task page, View task page.

History for [3308SP21_section014_6](#) / PlanneradoraAPP

































| | | |
|--|---------|----|
| Commits on Apr 15, 2021 | | |
| Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... | 10ef7cb | <> |
| seno7509 committed 4 days ago | | |
| Commits on Apr 13, 2021 | | |
| Alaskar commit - Added Viewing tasks feature and the ability to mark ... | aff9fe9 | <> |
| moal2839 committed 6 days ago | | |
| Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... | b80b962 | <> |
| seno7509 committed 6 days ago | | |
| Alaskar commit - Fixed Constraints | 23c900b | <> |
| moal2839 committed 6 days ago | | |
| Sergio - Remove titlebar | c70a557 | <> |
| seno7509 committed 6 days ago | | |
| Sergio - Remove titlebar | b8fd4d4 | <> |
| seno7509 committed 6 days ago | | |
| Sergio - Remove titlebar | e238b55 | <> |
| seno7509 committed 6 days ago | | |
| Alaskar commit - Using DatePicker to get the dates | 200e1e3 | <> |
| moal2839 committed 6 days ago | | |
| Alaskar commit - Using DatePicker to get the dates | 6624b2f | <> |
| moal2839 committed 6 days ago | | |
| Commits on Apr 7, 2021 | | |
| Alaskar commit - Tasks are fully integrated with firebase database. T... | 4955540 | <> |
| moal2839 committed 12 days ago | | |
| Alaskar commit - Reading from Firebase | ffb7fda | <> |
| moal2839 committed 12 days ago | | |

Sergio Nogueira: Created the user registration page. Created functional FireBase integration for user registration and sign-in. Linked user registration functionality and sign-in functionally with a non-local database. Helped with design for the main task listing page. Added authentication system as well as user model class to translate to functional JSON objects for firebase. Added pre-authentication checks within java to ensure functional passwords and emails were used before passing the usermodel to firebase. Added Firebase API

to authenticate validity of emails. Implemented visual optimizations throughout the application in XML.

| | |
|-------------------------|---|
| Commits on Apr 16, 2021 | <div>Add files via upload seno7509 committed 3 days ago</div> <div>Verified673f36f<>Tip</div> |
| Commits on Apr 15, 2021 | <div>Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... seno7509 committed 4 days ago</div> <div>19ef7cb<>Tip</div> |
| Commits on Apr 13, 2021 | <div>Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... seno7509 committed 6 days ago</div> <div>b80b962<>Tip</div> <div>Sergio - Remove titlebar seno7509 committed 6 days ago</div> <div>c70a557<>Tip</div> <div>Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... seno7509 committed 6 days ago</div> <div>e56f178<>Tip</div> <div>Sergio - Remove titlebar seno7509 committed 6 days ago</div> <div>b6fd4d<>Tip</div> <div>Sergio - Remove titlebar seno7509 committed 6 days ago</div> <div>e238b55<>Tip</div> |
| Commits on Apr 6, 2021 | <div>Sergio - DB Read Attempt seno7509 committed 13 days ago</div> <div>8edbde3<>Tip</div> <div>Sergio - DB Read Attempt seno7509 committed 13 days ago</div> <div>b3b20d5<>Tip</div> <div>Sergio - DB Read Attempt seno7509 committed 13 days ago</div> <div>4df69e5<>Tip</div> <div>Merge branch 'main' of https://github.com/CSCI-3308-CU-Boulder/3308SP... seno7509 committed 13 days ago</div> <div>60fa88c<>Tip</div> <div>Sergio - DB Read Attempt seno7509 committed 13 days ago</div> <div>02499a5<>Tip</div> |
| | <div>Sergio - Aesthetics seno7509 committed on Mar 12</div> <div>fb0059d<>Tip</div> |
| Commits on Mar 9, 2021 | <div>Merge remote-tracking branch 'origin/main' into main seno7509 committed on Mar 9</div> <div>fa70a93<>Tip</div> <div>Sergio - Simplified front-end registration_page.xml seno7509 committed on Mar 9</div> <div>b1b6d39<>Tip</div> |
| Commits on Mar 3, 2021 | <div>Sergio: Switched from SQLite to FireDB. Register & sign-in fully func... seno7509 committed on Mar 3</div> <div>392fda9<>Tip</div> <div>Merge remote-tracking branch 'origin/main' seno7509 committed on Mar 3</div> <div>7edce0f<>Tip</div> <div>Sergio: Added database & registration functionality seno7509 committed on Mar 3</div> <div>ebef50c<>Tip</div> |
| Commits on Mar 2, 2021 | <div>Update README.md seno7509 committed on Mar 2</div> <div>Verified1a0a686<>Tip</div> <div>Sergio - removed MainActivity user class seno7509 committed on Mar 2</div> <div>52f7621<>Tip</div> <div>Sergio - renamed to userModel seno7509 committed on Mar 2</div> <div>bcb2f49<>Tip</div> <div>Sergio - switching seno7509 committed on Mar 2</div> <div>578cda5<>Tip</div> <div>Sergio - switching seno7509 committed on Mar 2</div> <div>552e9ce<>Tip</div> <div>Sergio - more java functionality seno7509 committed on Mar 2</div> <div>3c823ec<>Tip</div> <div>Sergio - more java functionality seno7509 committed on Mar 2</div> <div>2477804<>Tip</div> <div>Sergio - java files seno7509 committed on Mar 2</div> <div>1472e6d<>Tip</div> |

Payman Ghiasy: Added the Time/Date in the main page, A button that will allow the user to select the date they want in the add task page, created a different xml and java for reading task/data and retrieving it and showing it in the application for task list.

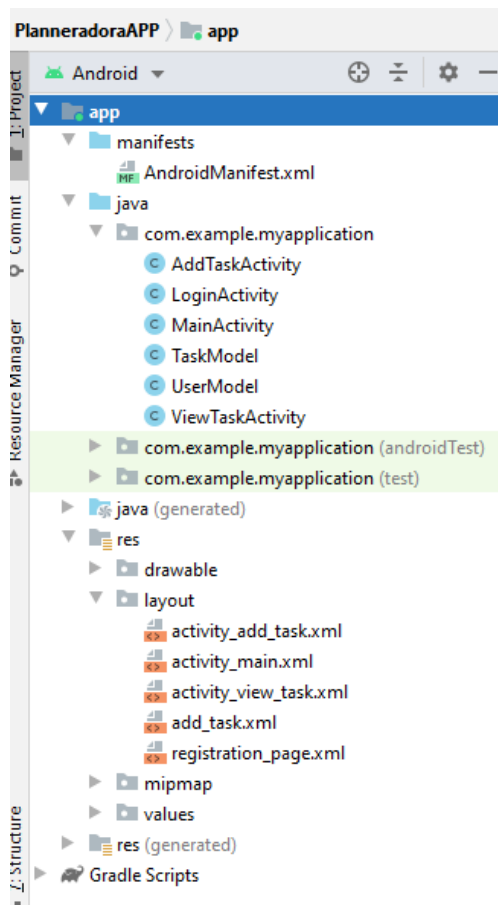
| | | | |
|--|---|--|---------|
| Commits on Feb 27, 2021 | | | |
| Added Date/Time into front page |  paimang committed on Feb 27 |  | 1eb48a8 |
| Merge remote-tracking branch 'origin/main' |  paimang committed on Feb 27 |  | c1d5673 |
| Added Date/Time into front page |  paimang committed on Feb 27 |  | 4a66c4b |
| Commits on Feb 23, 2021 | | | |
| Added Background image |  paimang committed on Feb 23 |  | 0f44f20 |
| added folder app |  paimang committed on Feb 23 |  | b284f0d |
| removed |  paimang committed on Feb 23 |  | ca2a9f0 |
| Commits on Feb 19, 2021 | | | |
| Update README.md |  paimang committed on Feb 19 | Verified  | 7aea64e |
| Update README.md |  paimang committed on Feb 19 | Verified  | 710d901 |
| Update README.md |  paimang committed on Feb 19 | Verified  | 1675d71 |
| updated readme |  paimang committed on Feb 19 | Verified  | b780005 |
| Update README.md |  paimang committed on Feb 19 | Verified  | 9ff586e |
| Commits on Mar 23, 2021 | | | |
| added button to pick date. |  paimang committed 27 days ago |  aefec56 | <> |
| Commits on Mar 18, 2021 | | | |
| Add files via upload |  paimang committed on Mar 18 | Verified  58509f6 | <> |
| Commits on Apr 13, 2021 | | | |
| Add files via upload |  paimang committed 6 days ago | Verified  1ab482a | <> |
| Commits on Apr 6, 2021 | | | |
| Merge remote-tracking branch 'origin/main' |  paimang committed 13 days ago |  b951679 | <> |
| new java and xml to read from database |  paimang committed 13 days ago |  abb01be | <> |

Deployment

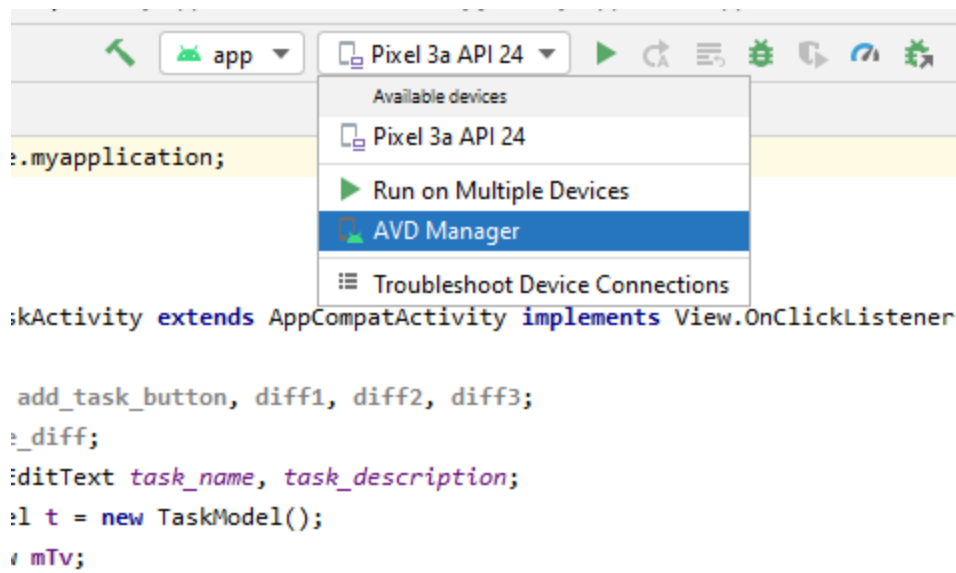
In order to deploy Planneradora, you must download the android studio software and pull from the appropriate github repository:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_section014_6/tree/main/PlanneradoraAPP

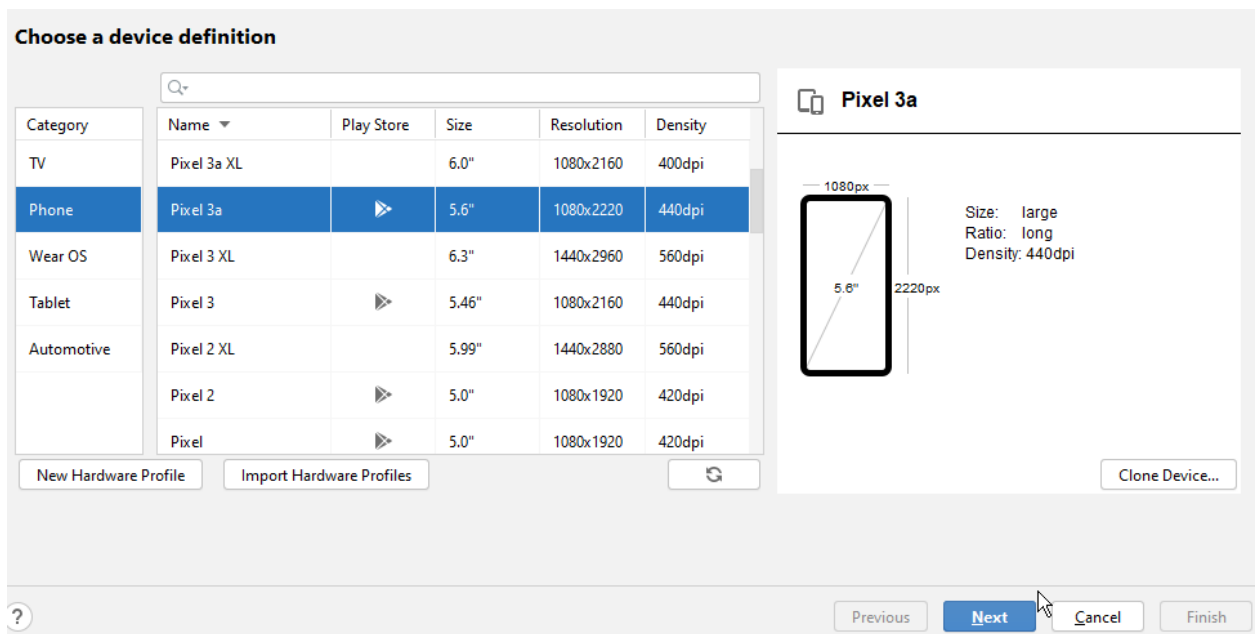
It is important to make sure you are pulling from the PlanneradoraAPP directory specifically, or you will have to realign your android studio to properly match the android manifest. Ensure that the directory within your android studio matches the following hierarchy:



From here, navigate to the AVD manager at the top right of the android studio software.



This is where we will download the emulator to deploy the application locally. Select the AVD manager, then select 'Create Virtual Device' at the bottom left.



The application has been formatted for 2220 x 1080 and will automatically downscale to 1920 x 1080, but we recommend the Pixel 3a emulator.

Select a system image

Recommended x86 Images Other Images

| Release Name | API Level ▾ | ABI | Target |
|-------------------------------|-------------|-----|-----------------------------|
| R Download | 30 | x86 | Android 11.0 (Google Play) |
| Q Download | 29 | x86 | Android 10.0 (Google Play) |
| Pie Download | 28 | x86 | Android 9.0 (Google Play) |
| Oreo Download | 27 | x86 | Android 8.1 (Google Play) |
| Oreo Download | 26 | x86 | Android 8.0 (Google Play) |
| Nougat | 25 | x86 | Android 7.1.1 (Google Play) |
| Nougat | 24 | x86 | Android 7.0 (Google Play) |

Nougat



API Level
25
Android
7.1.1
Google Inc.

System Image
x86

We recommend these Google Play images because this device is compatible with Google Play.

[Questions on API level?](#)



Previous

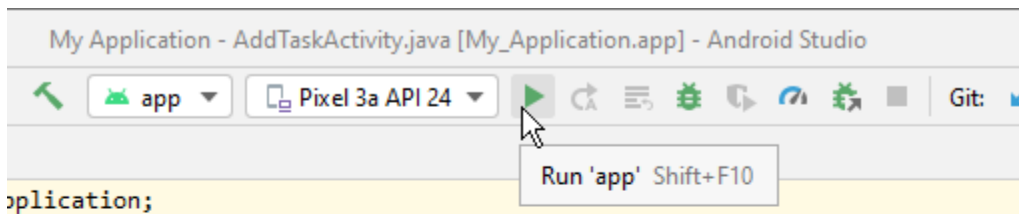
Next

Cancel

Finish

Download Nougat API level 24 or 25. API Level 26+ is slow and takes tremendous computing power to emulate. Click next, then finish. Your emulator will proceed to download and install accordingly.

Finally, you are ready to deploy your application.



```
ivity extends AppCompatActivity implements View.OnClickListener{  
  
task_button, diff1, diff2, diff3;  
F;  
ext task_name, task_description;
```

Select your emulator version in the drop-down next to the 'play' button. Then, run the application (Or press Shift+F10). The application will deploy inside your emulator environment.