Werle CEG3900 P2 Submission

Nick Werle

February 8, 2017

1 Github URL

`https://github.com/NickWer/CEG3900_P2`

2 Task 1: Build OpenSudoku As-Is

Deliverables: None.

3 Task 2: Prune OpenSudoku

3.1 Deliverables:

See figures 1-9 for the before and after screenshots. See opensudoku.before.apk for the before file, and opensudoku.after.apk for the after file. I have excluded the zip file as per in-class instructions, however it will be available at the github repo NickWer/CEG3900_P2 in two days.

4 Task 3: FireBase Storage

Deliverables: See firebaseStorage.apk and figure 10.

5 Task 4: FireBase Auth

Deliverables: See firebaseAuth.apk and figure 11.

6 Task 5: GitHub

As stated in section 1, my github project for P2 will be located at `https://github.com/NickWer/CEG3900_P2`. My repository for P1 will be located at `https://github.com/NickWer/CEG3900_P1`.
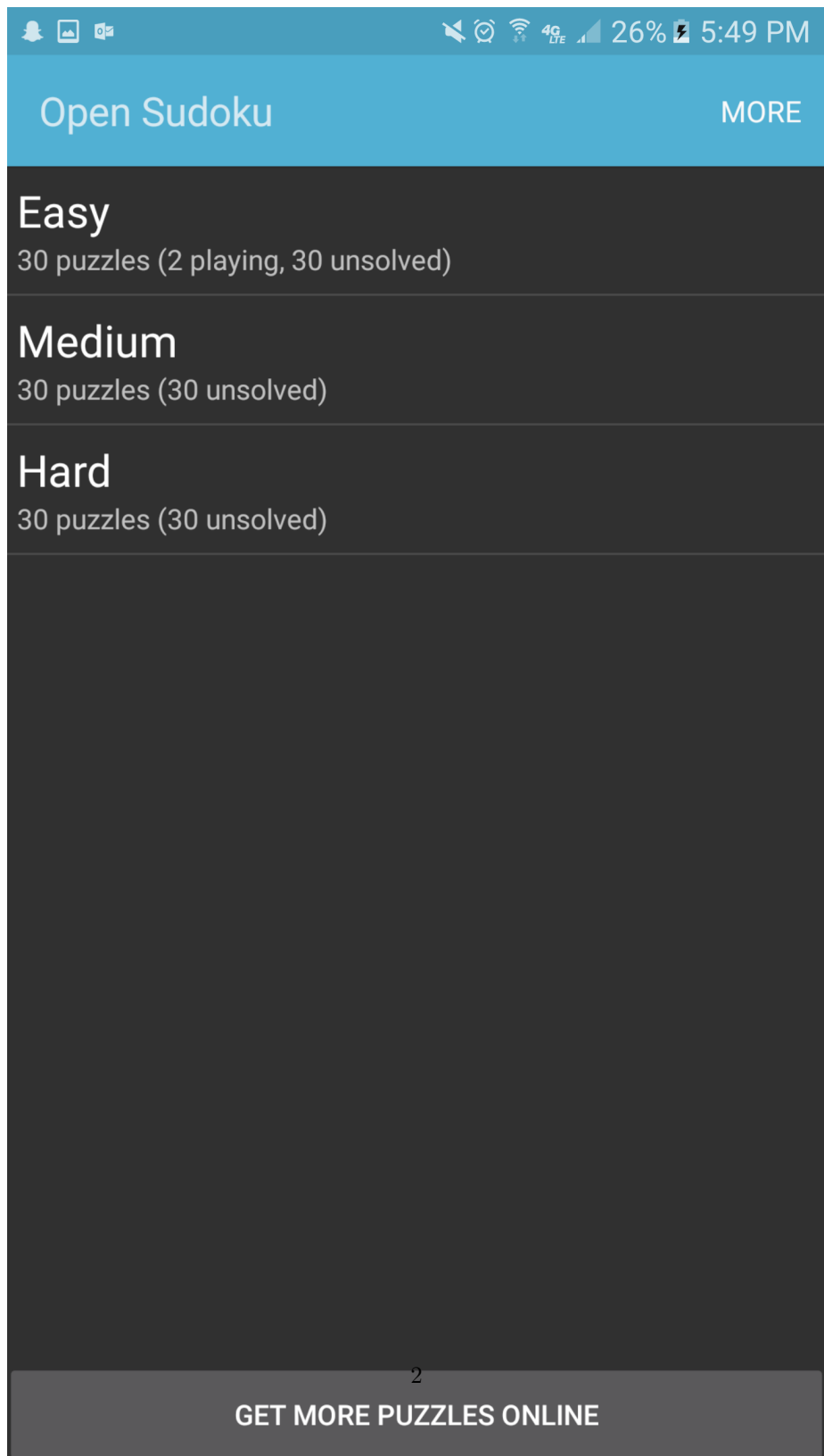
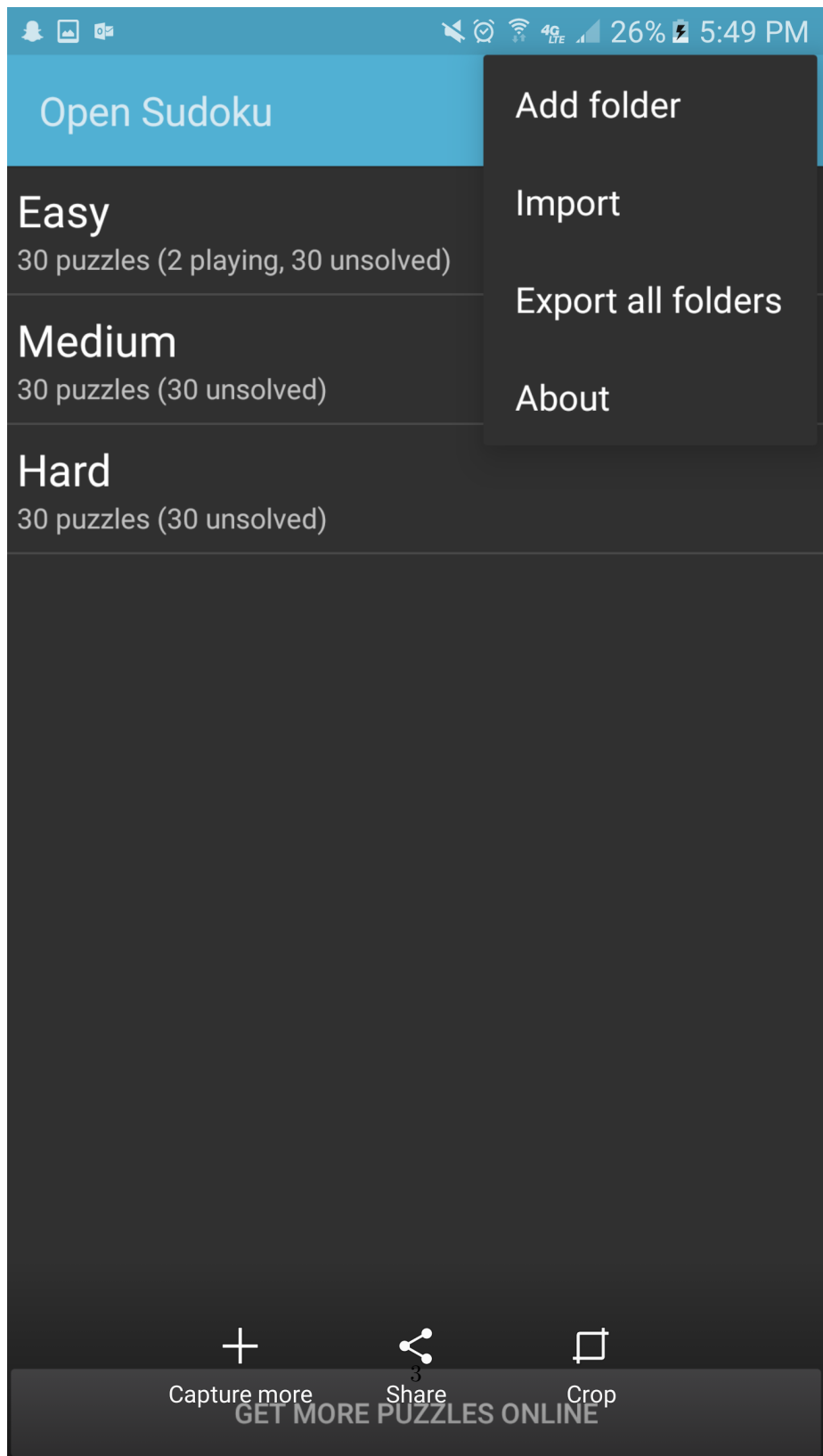Figure 1: Before image one - landing page
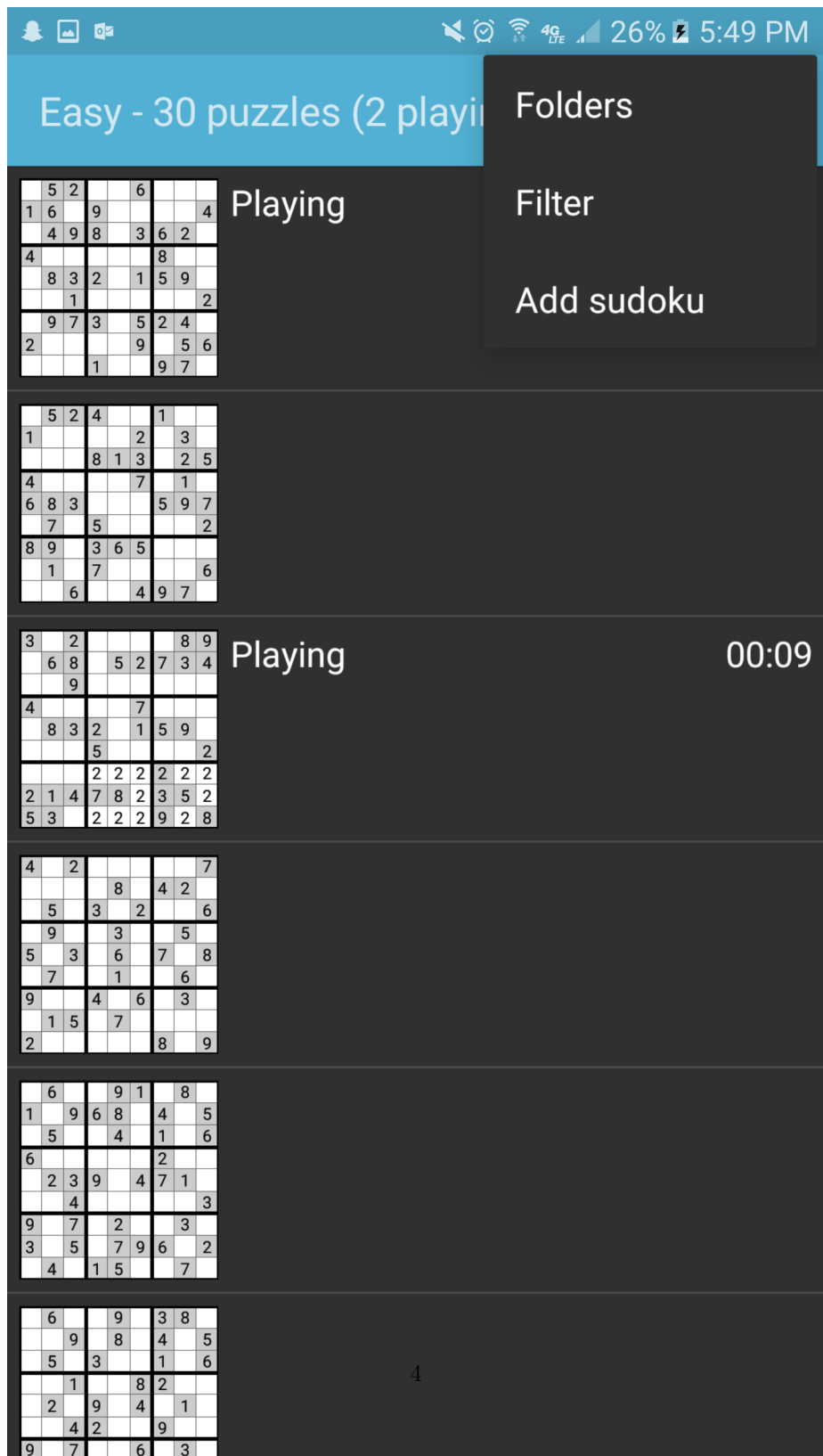
Figure 2: Before image two - original landing page menu

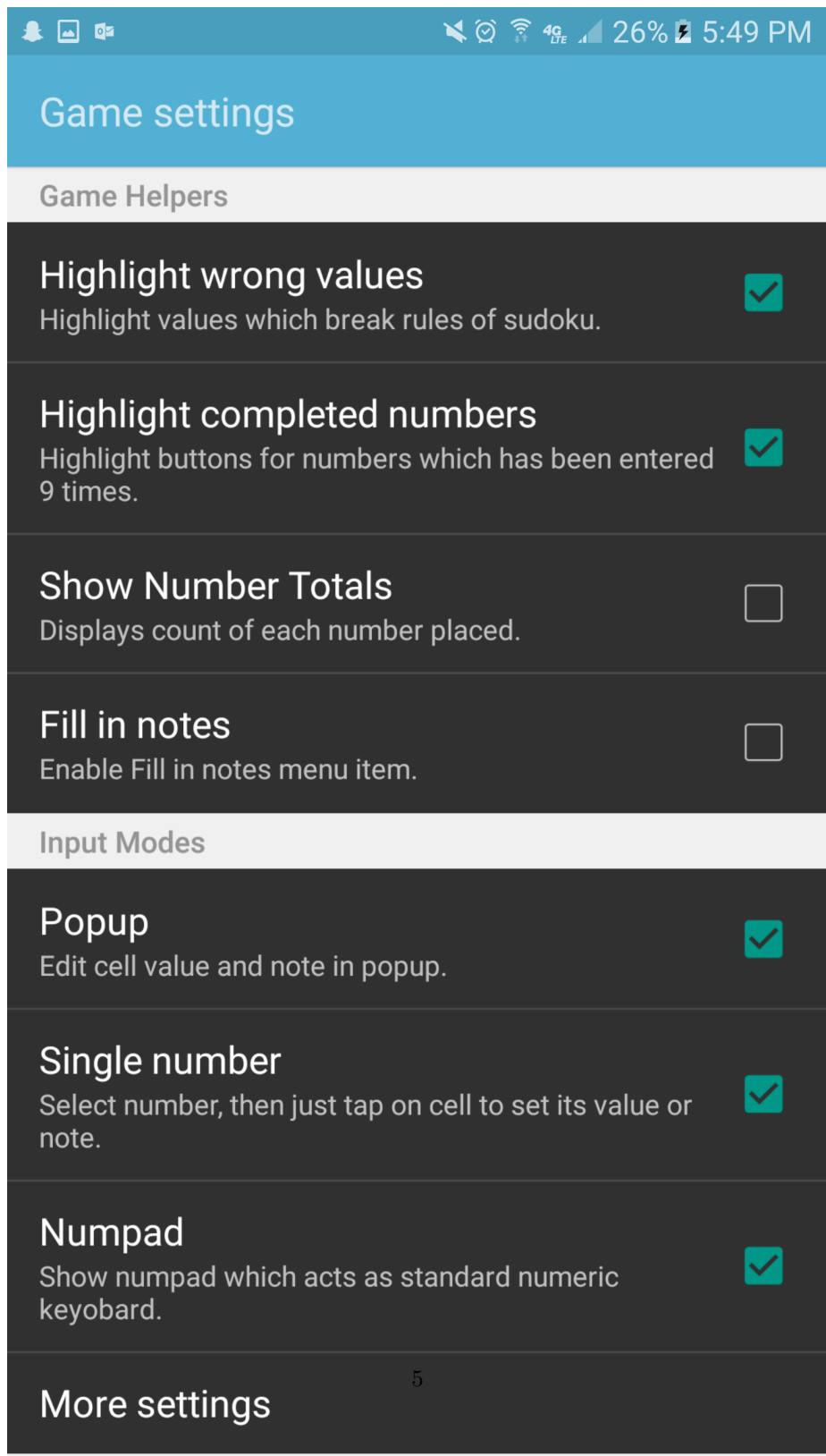Figure 3: Before image three - game list view with menu open

Game settings

Game Helpers

Highlight wrong values
Highlight values which break rules of sudoku. ☑

Highlight completed numbers
Highlight buttons for numbers which has been entered
9 times. ☑

Show Number Totals
Displays count of each number placed. ☐

Fill in notes
Enable Fill in notes menu item. ☐

Input Modes

Popup
Edit cell value and note in popup. ☑

Single number
Select number, then just tap on cell to set its value or
note. ☑

Numpad
Show numpad which acts as standard numeric
keyobard. ☑

5

More settings
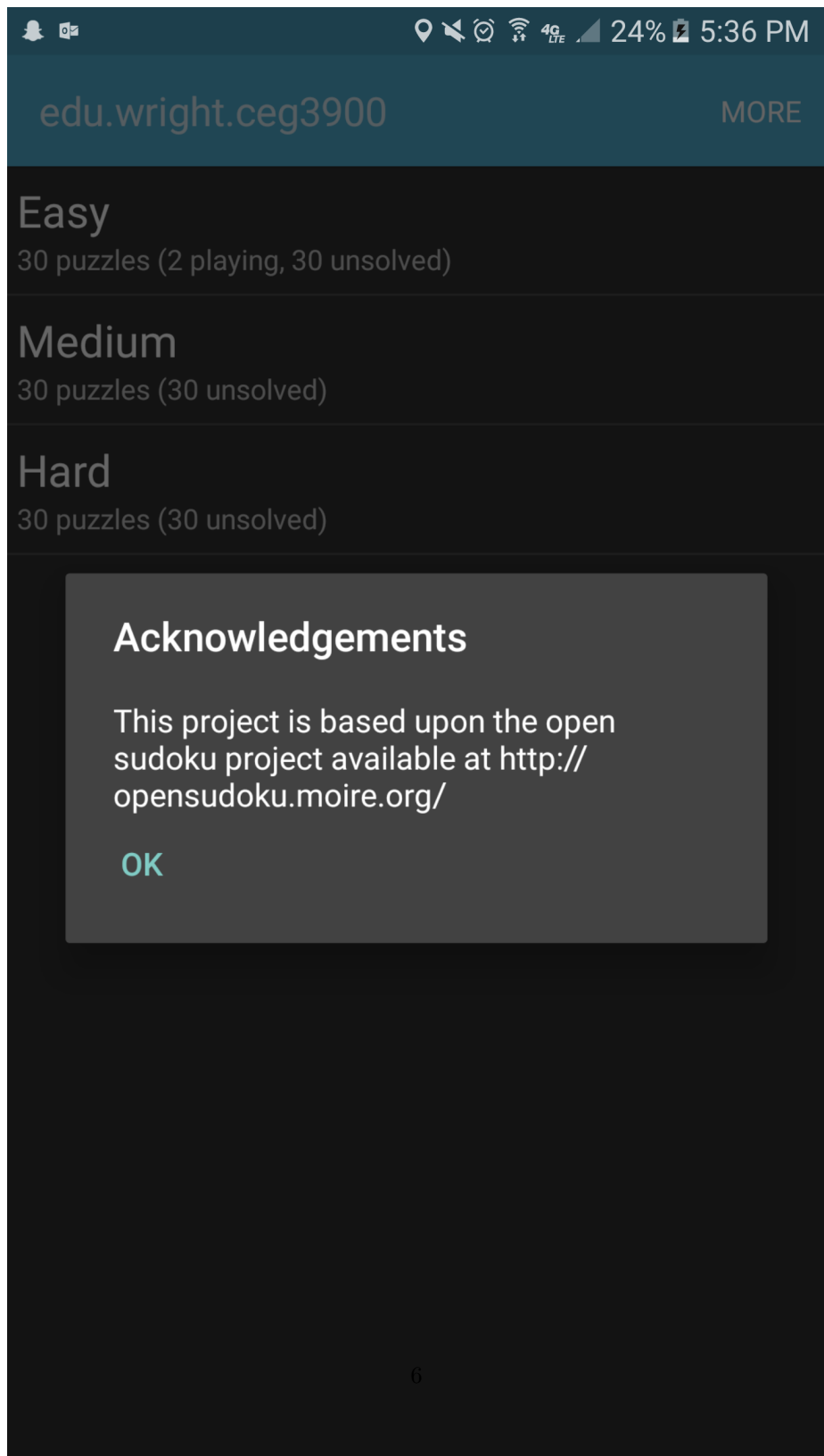
Figure 4: Before image four - game settings menu

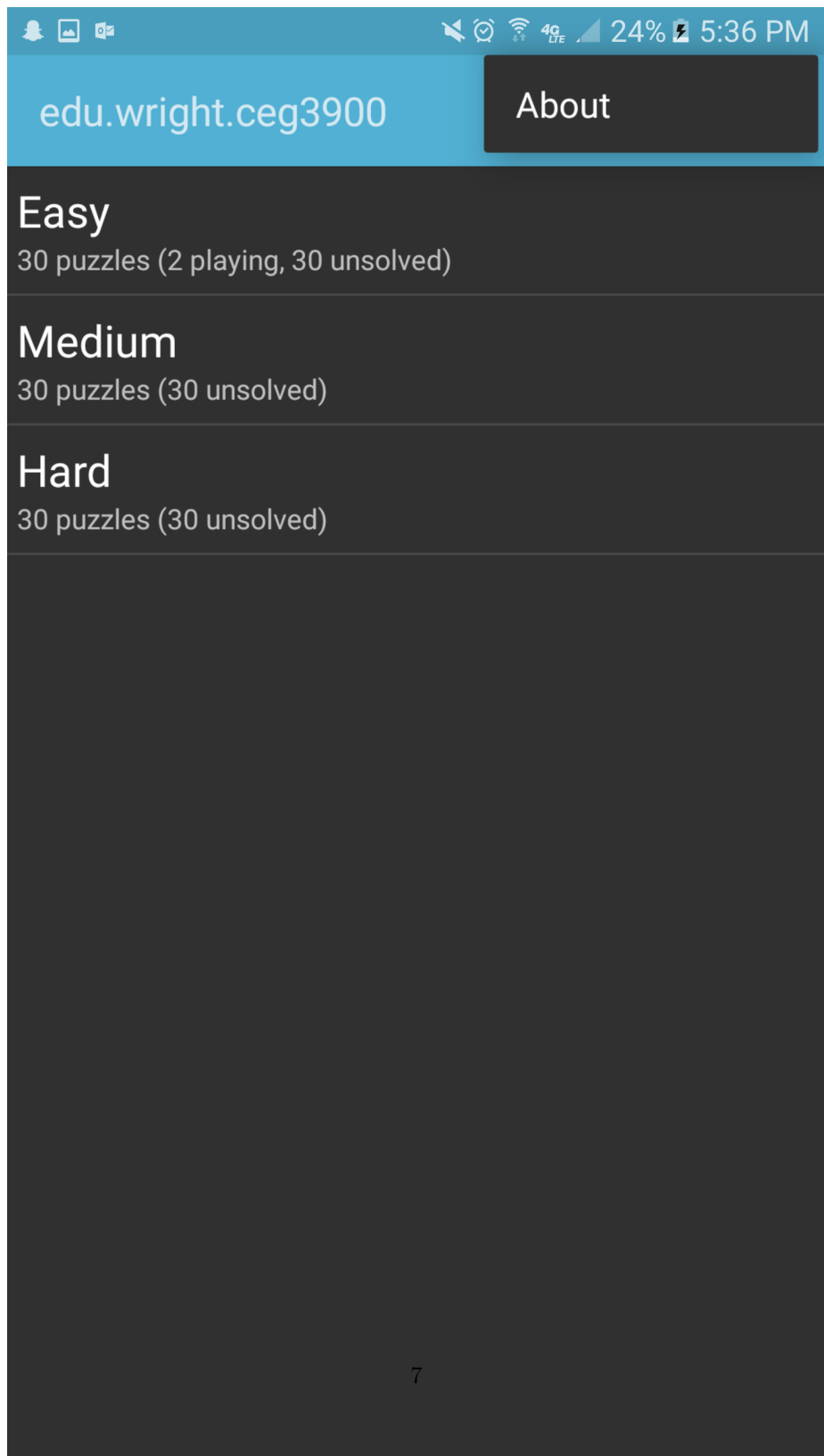Figure 5: After image one - landing page

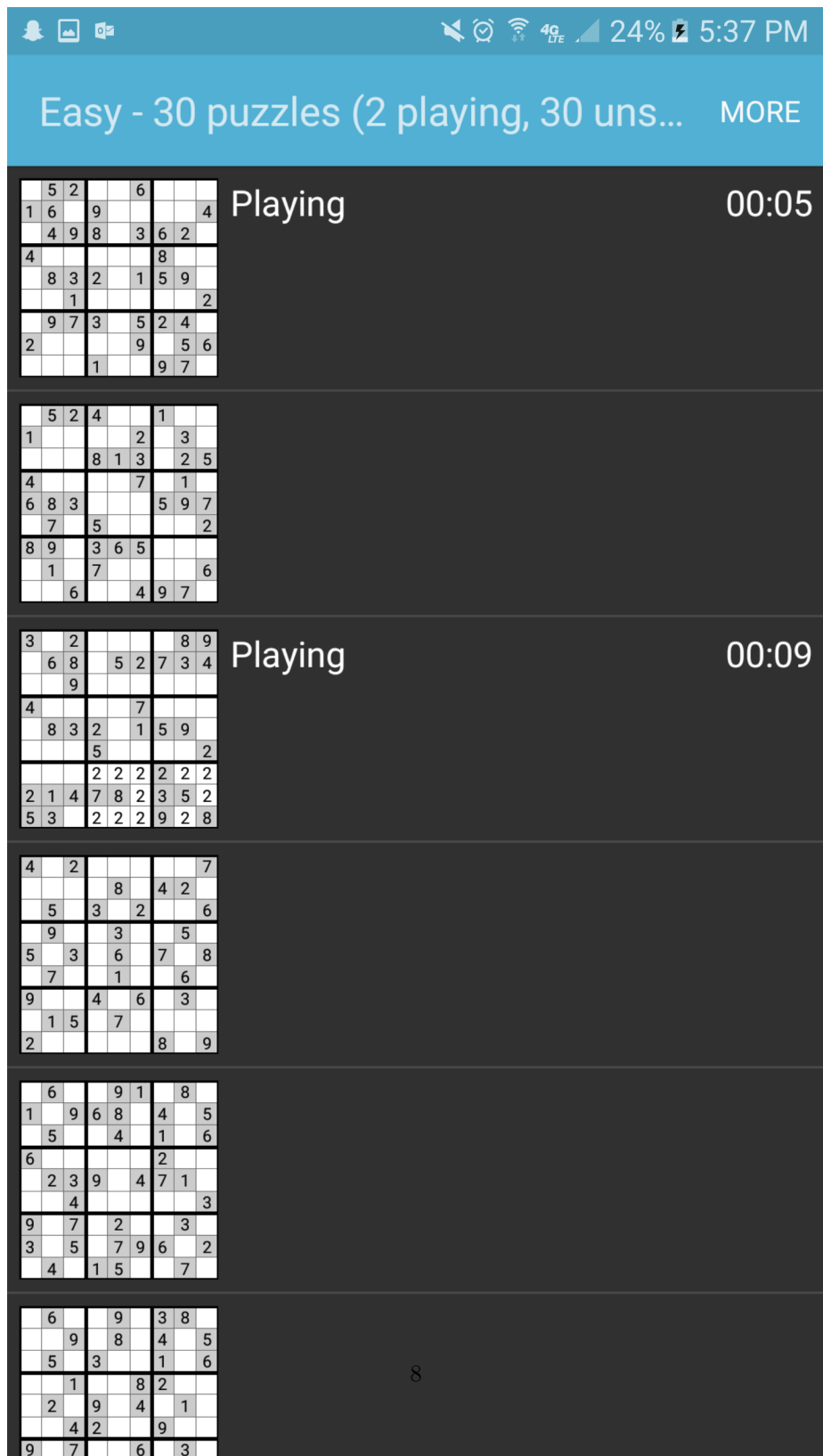Figure 6: After image two - original landing page menu

Figure 7: After image three - game list view with menu open. I was somewhat surprised to see this app actually was sharing data with the other, separate install used for the before images.
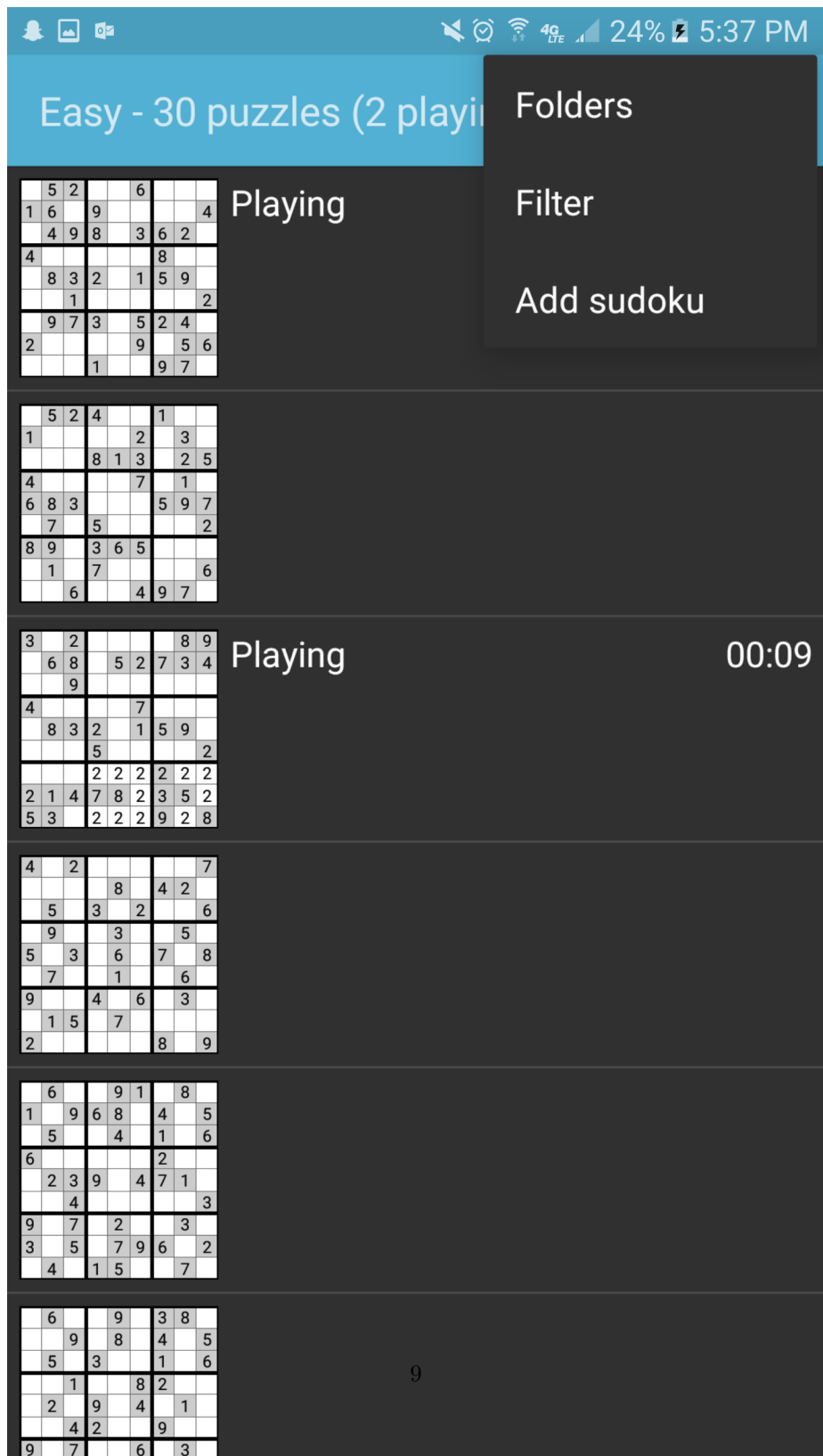
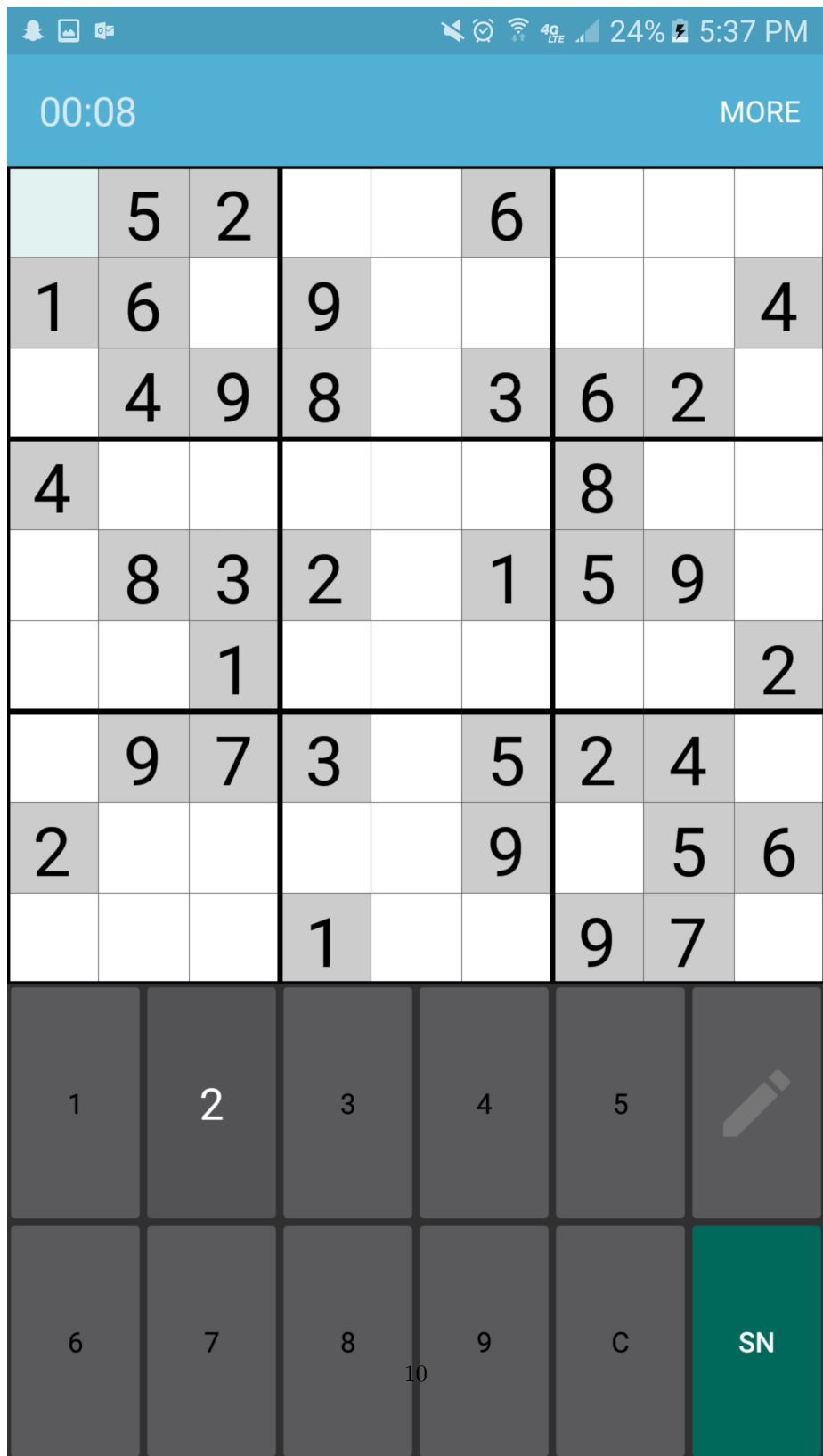Figure 8: After image four - game list with menu open.

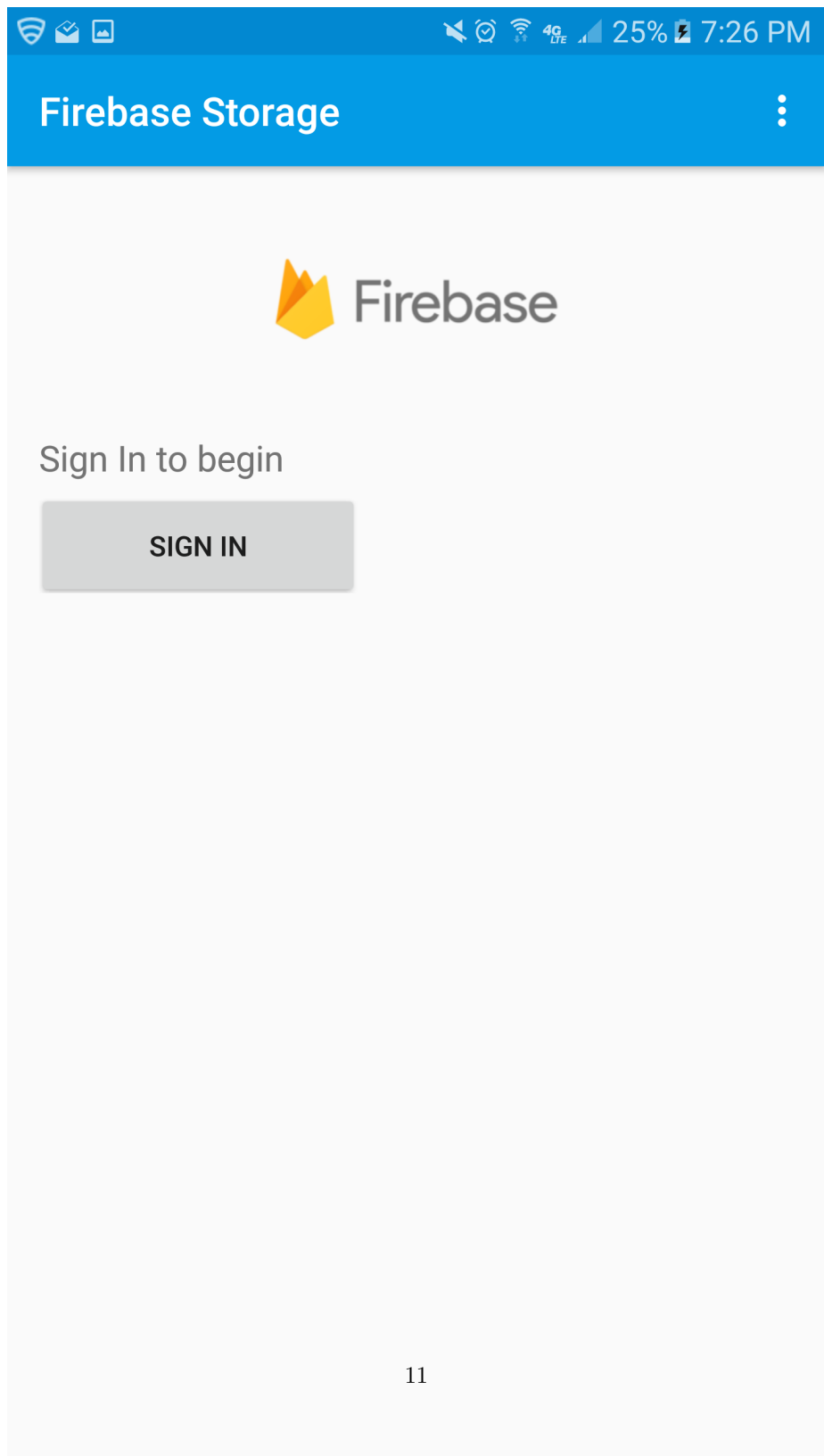Figure 9: After image five - a game in progress

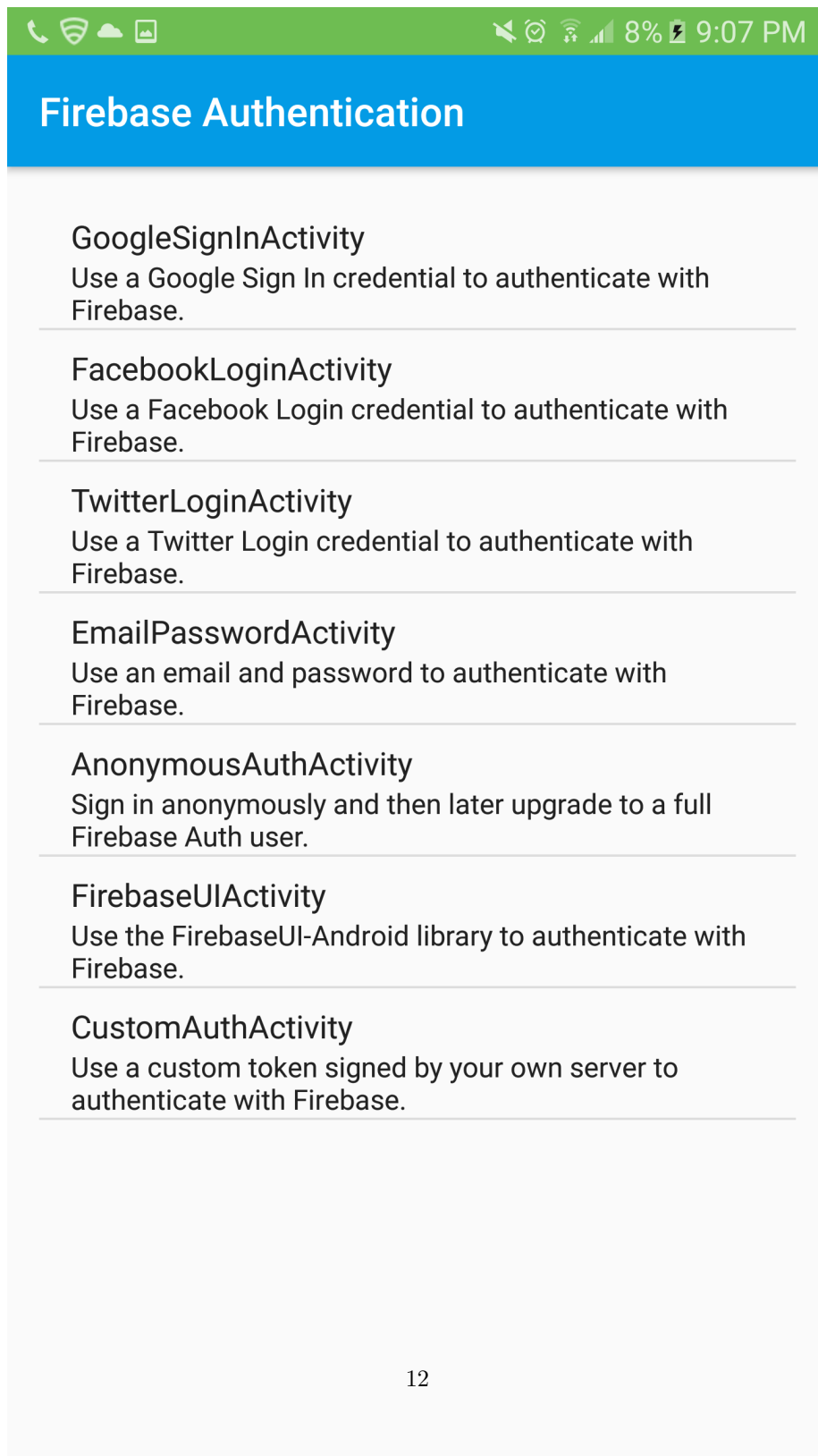Figure 10: Firebase Storage running on my personal phone

Figure 11: Firebase Storage running on my personal phone