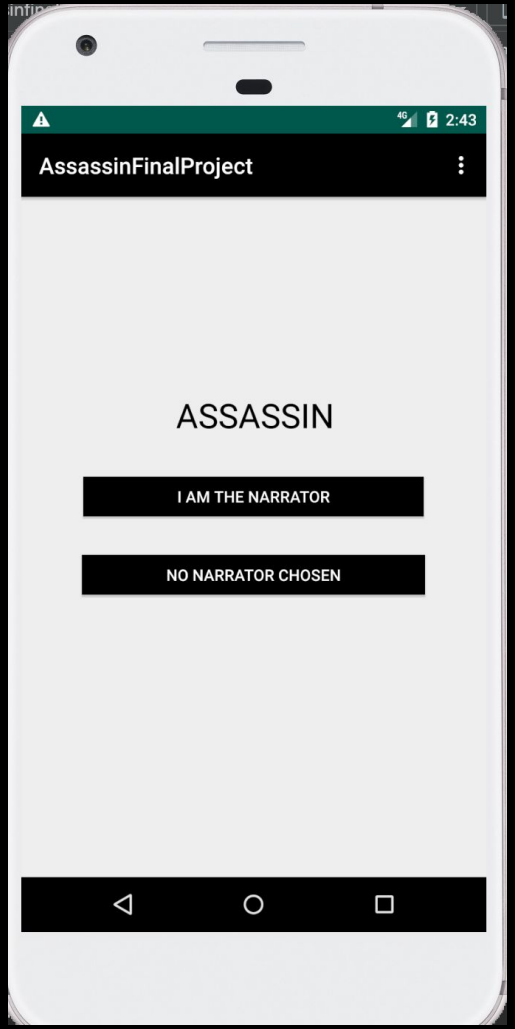
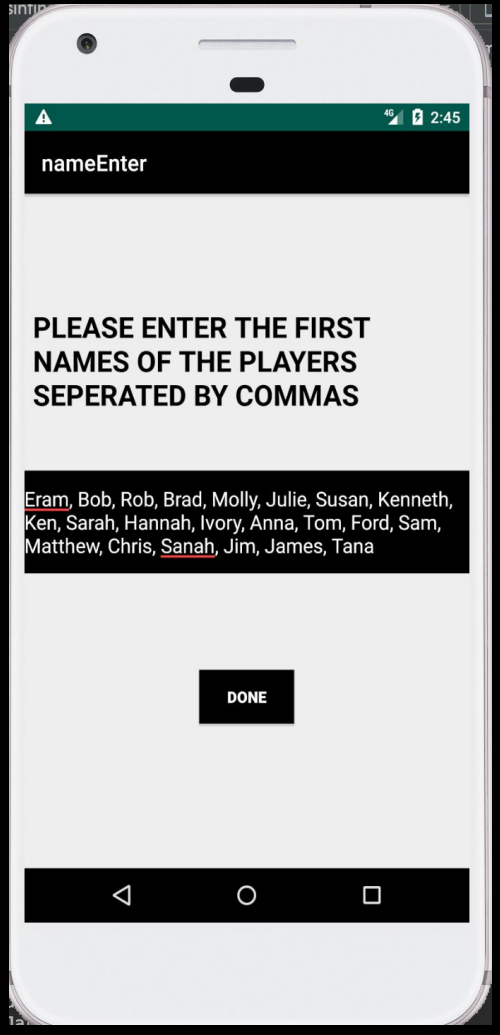
ASSASSIN ROLE ASSIGNMENT

BY ERAM MANASIA

FEATURES

- User has two options in the beginning. If the user's group does not have a narrator, the app will choose one for the group.
- User can enter names of the group members separated by commas. The name has to be at least a single character.
- App will generate spinner on how many murderers can be chosen. The number is pre-coded in the app
- The app lets the narrator know roles of the group members.
- The roles of group members are randomly generated by using Secure Random


2:43
AssassinFinalProject
ASSASSIN
I AM THE NARRATOR
NO NARRATOR CHOSEN


2:45
nameEnter
PLEASE ENTER THE FIRST NAMES OF THE PLAYERS SEPERATED BY COMMAS
Eram, Bob, Rob, Brad, Molly, Julie, Susan, Kenneth, Ken, Sarah, Hannah, Ivory, Anna, Tom, Ford, Sam, Matthew, Chris, Sanah, Jim, James, Tana
DONE

2:45
MurderersCount
HOW MANY MURDERERS?
1
2
3
4
DONE

2:45
NarratorAssignment
SANAH IS THE NARRATOR. PLEASE HAND SANAH THE PHONE
SEE ROLES

2:45
Roles
MURDERERS: KEN,SAM,JAMES,MOLLY
DOCTOR: JIM

WHAT DATA STRUCTURES WERE USED?

- ArrayList : An ArrayList of Strings is used for the names.
- HashMap : App has a hashmap for role assignment. Keys are narrator(if user not chosen), doctor, and murderer(s)
- HashSet: The hashset is used to check that there are no duplicates. If the size of the hashset is less than the size of the arraylist then we know there is a duplicate.

What were the challenges faced what did you learn?

- Figuring out how to send data from one screen to another. I solved this using Intents.
- Rules of how many murderers and having that sent to the spinner. Pre coded this into the project and it is generated depending on the size of the arraylist.
- Duplicate checking. Solved this using hashset

WHAT DID YOU LEARN?

- The internet is your best friend!
- The importance of wireframes. I had to redo the screens and because I had wireframes, it didn’t take a long time.
- Check what languages and tools you are using before you start -.- . I found out after doing my screens that I was using Kotlin so I had to redo the project.

WHAT ELSE WOULD YOU HAVE LIKED TO ADD TO YOUR PROJECT?

- Single hand held -> Multi hand held
  - Notification on what you are
- Log in
  - Each user can add, save, remove, and edit a “group”
- Have add,edit, and remove button for adding names

I have completed everything that was in my proposal. These are features that I would’ve had added if I had more than 2 weeks.