

Ramadan SwiftUI Workshop

Omar Alibrahim

Take advantage of the quarantine and learn how to make
awesome iOS apps with SwiftUI in 6 days only! 🏠

omaralibrahim.com



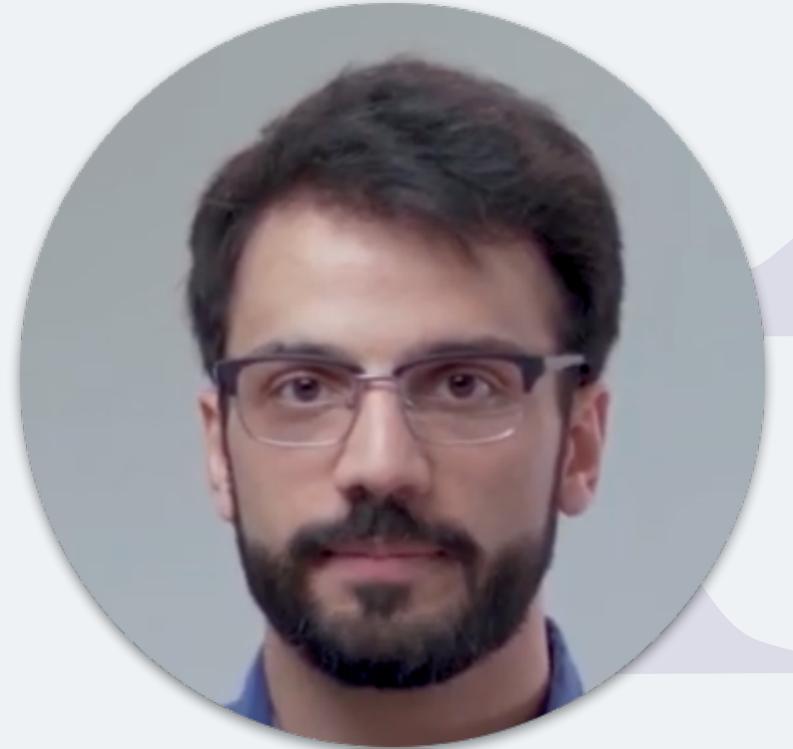
Course Instructor

Omar Alibrahim

A computer engineer with an excellent experience in teaching programming languages who is specialized in iOS development. Worked at Baims 2016-2018.

Currently Omar is working at CODED as an instructor and a project lead. Omar has lectured more than 12 iOS courses since 2016.

[Linked in](#)



Location

A large blue square containing the word "zoom" in white lowercase letters.

zoom

All lecture will be held on zoom and all lecture will be **recorded** 

6 Days

May
Ramadan

 From 9:00pm until Midnight 

Fri	Sat	Sun	Mon	Tue	Wed	Thurs
1 <small>8 Ramadan</small>	2 <small>9</small>	3 <small>10</small>	4 <small>11</small>	5 <small>12</small>	6 <small>13</small>	7 <small>14</small>
8 <small>14</small>	9 <small>15</small>	10 <small>16</small>	11 <small>17</small>	12 <small>18</small>	13 <small>19</small>	14 <small>20</small>

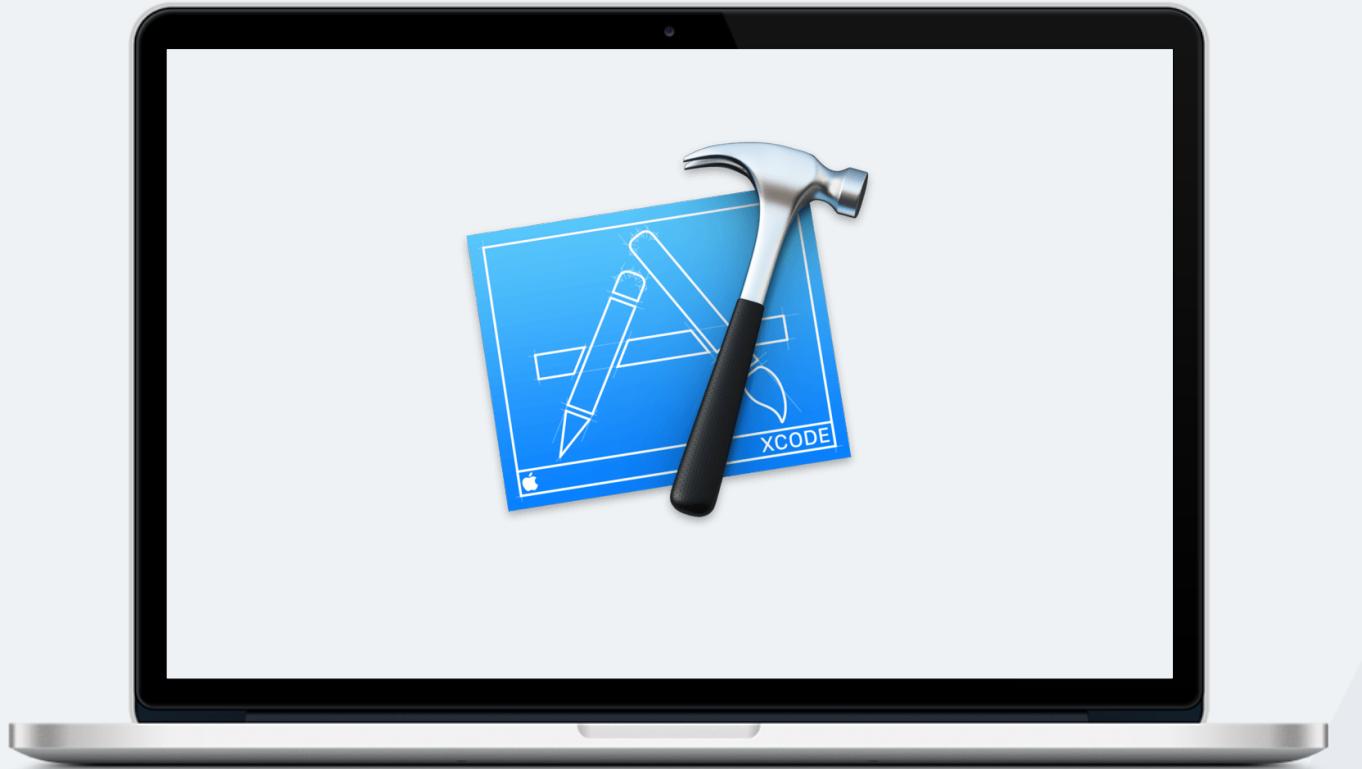
Audience



Arabic speakers from any country
with knowledge of **one programming language at least**

Should be able to use the fundamental tools of a programming language
Like variables, if statements, loops, functions, classes, objects...

Requirements



Mac device  with MacOS Catalina
And Xcode 11.4 installed*

- * You can install Xcode app from the Mac app store. Check for the latest updates.
- * You can't install Xcode 11 unless you update your Mac
- * You have to have a fast enough Mac. SwiftUI is not light on the device and might slow it down
- * You have to know how to use the Mac. We won't teach you how to copy paste

Material



Swift Language



SwiftUI

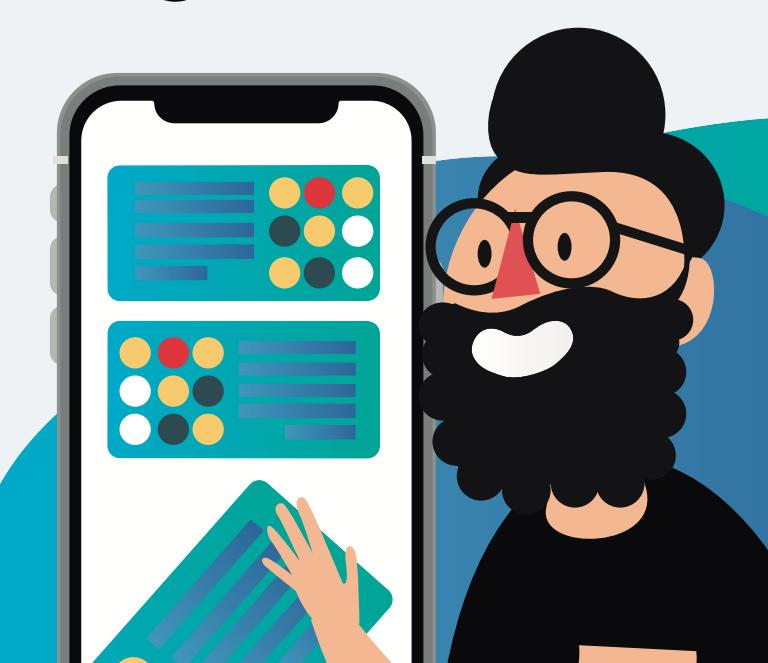


Firebase

Server side apps



Advanced Swift
Usages



How will you learn?

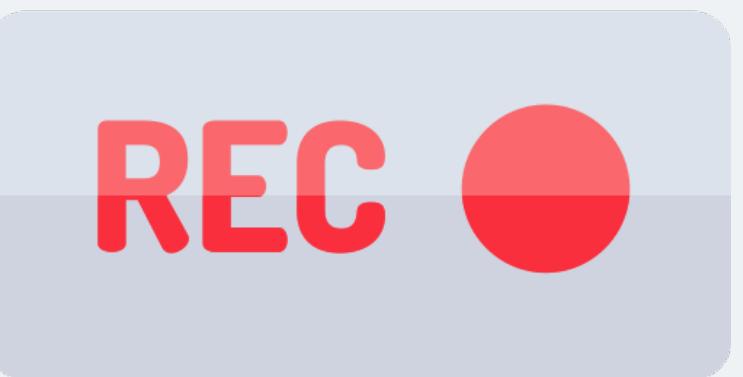


1

Attend the live session, learn, ask, and solve class works.
Instructor will ask you to share screen, and can control your
screen to fix your errors 



How will you learn?



2

All the sessions will be recorded, just rewatch if you need to
revise something 📹



How will you learn?



3

Ask whenever you need. There will be TAs for each number of students, and they will assure each student is going well with the content



How will you learn?

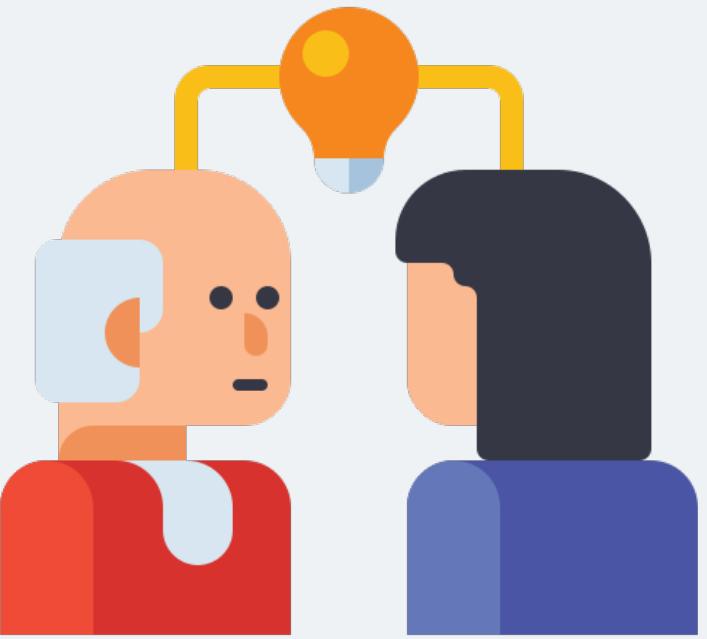


4

Solve assignments. After each session, there will be exciting assignment that covers the given material in the session



How will you learn?



5

One to one session.



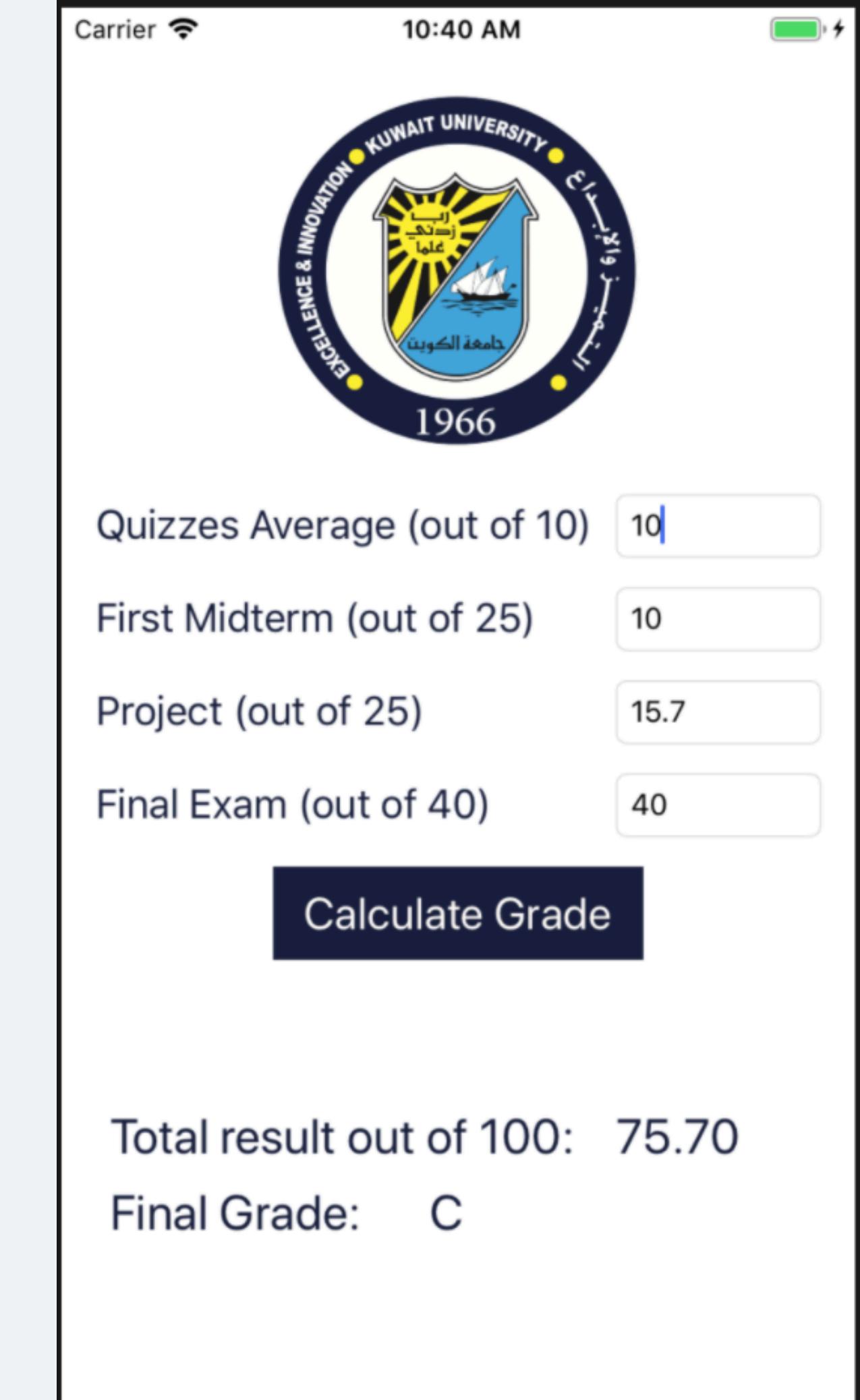
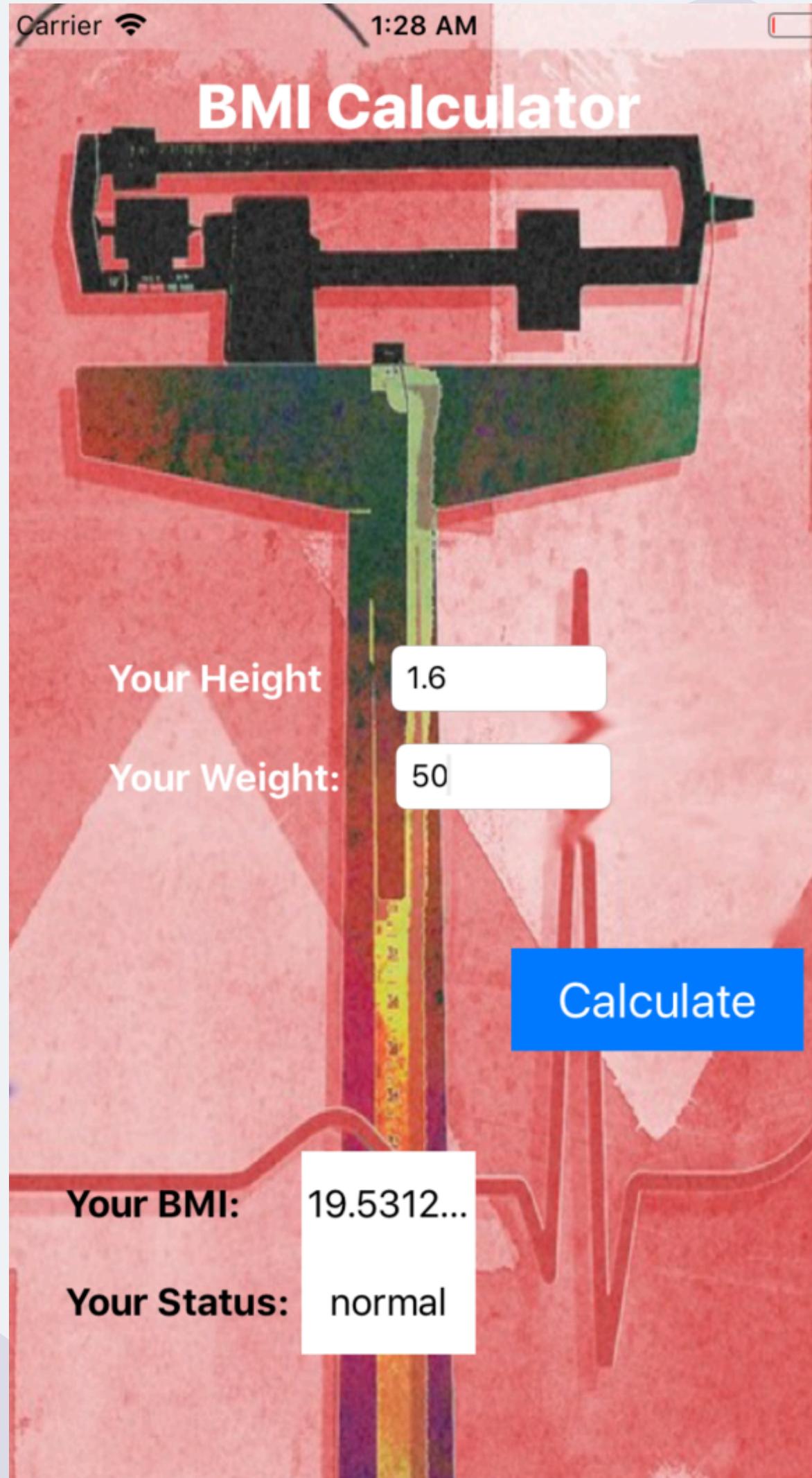
Material



- **Day 1:**
 - Intro to programming world (Git / Github)
 - Swift + SwiftUI basics + [project: BMI Calculator App]
- **Day 2:** Swift OOP + arrays + Optionals + [project: Athkar App]
- **Day 3:** Swift + Multi view app (SwiftUI) [project: X-O Game]
- **Day 4:** SwiftUI (connected with api) + MVC structure
- **Day 5:** Firebase 🔥
- **Day 6:** Projects day demos

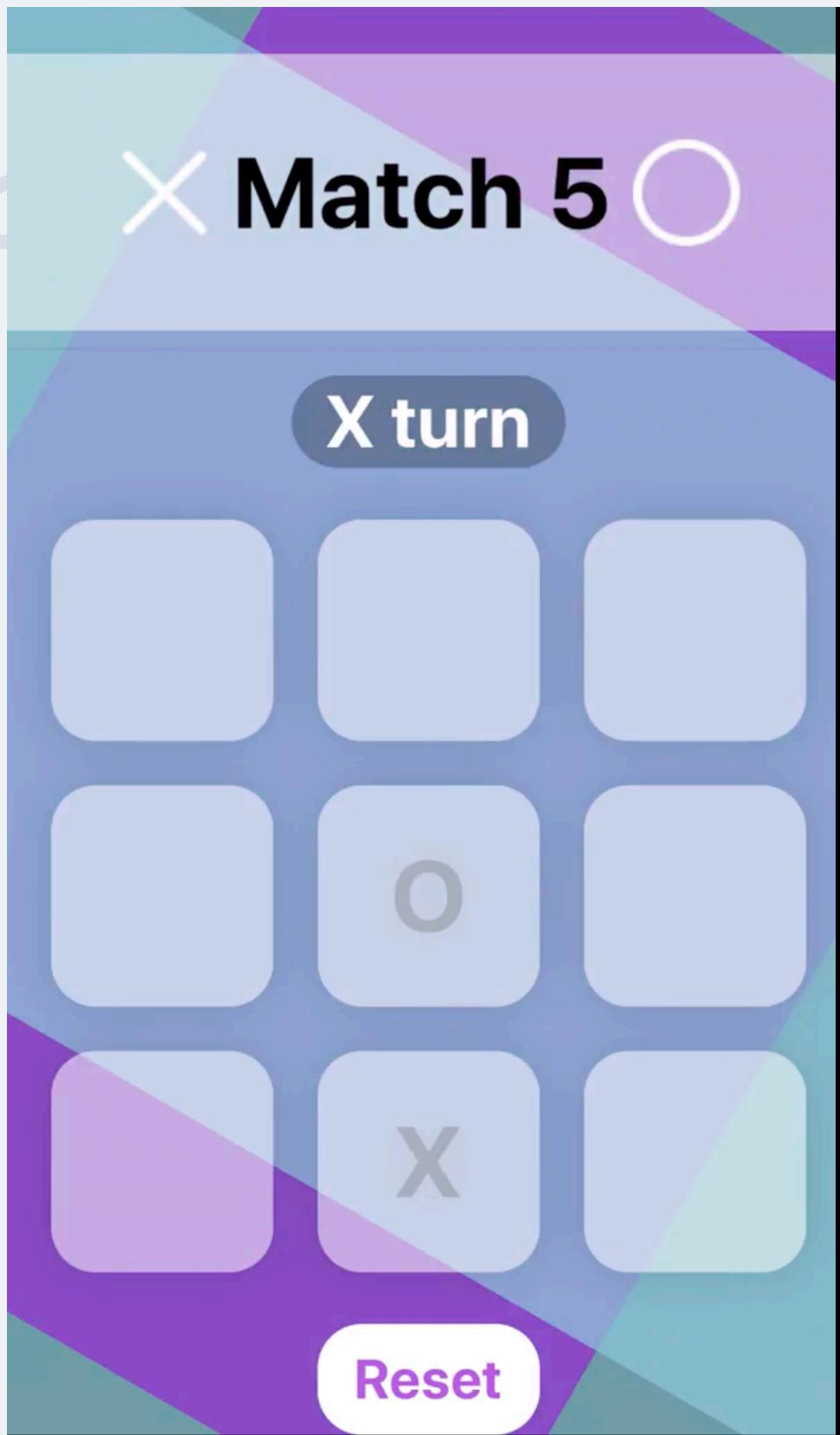


Day 1&2



Students work: Fajr Almutairi; Sara Almahmid

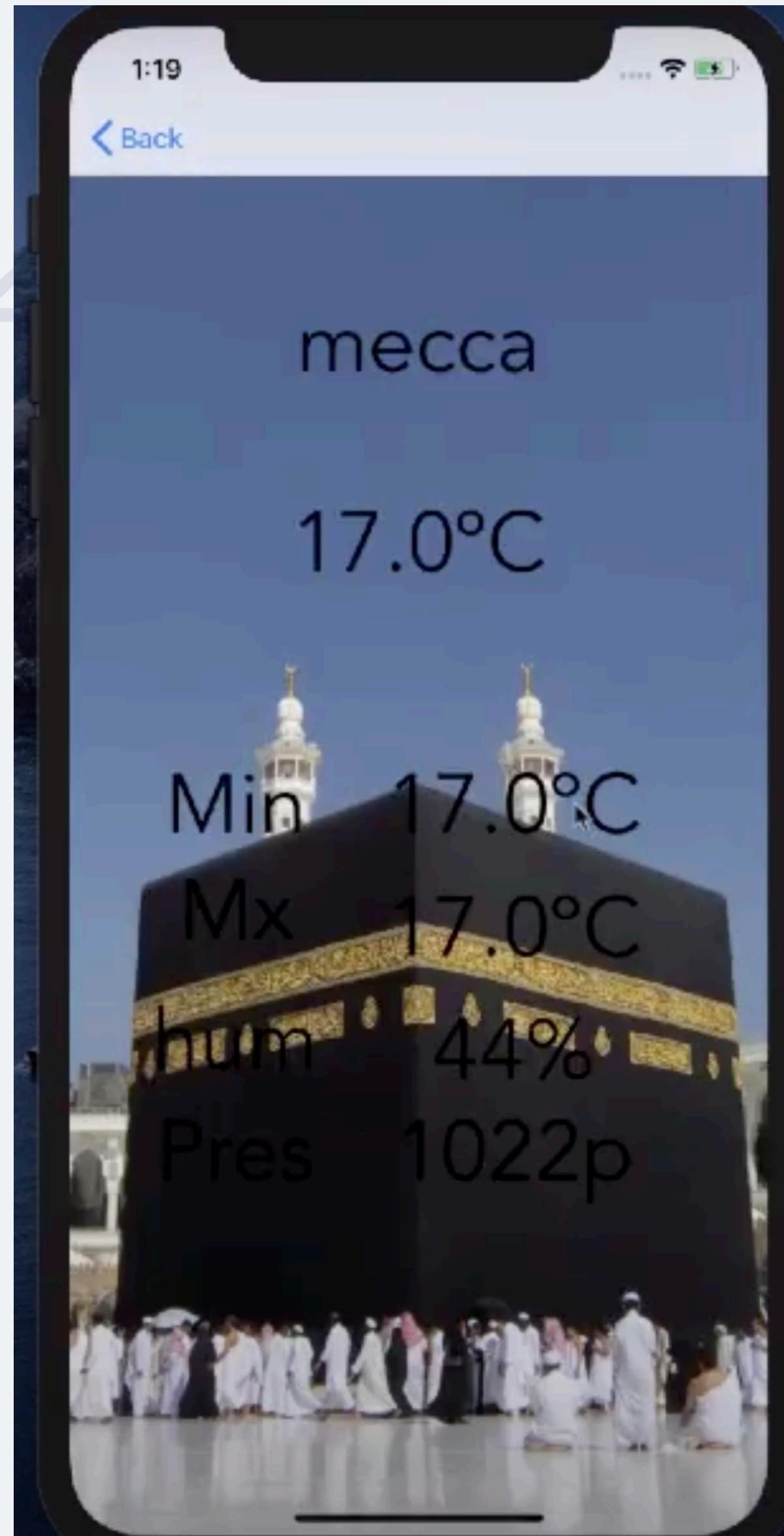
Day 2



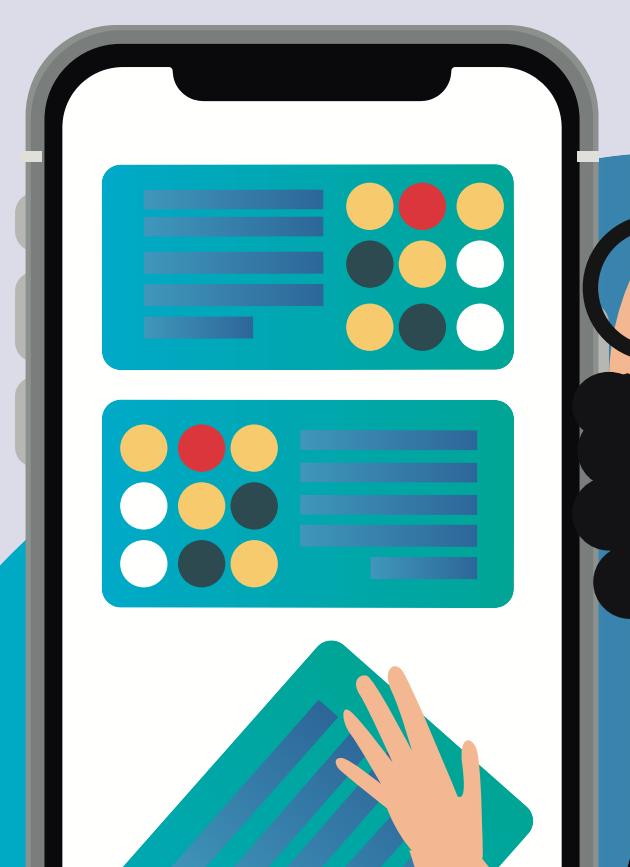
Student work: Walid Talal



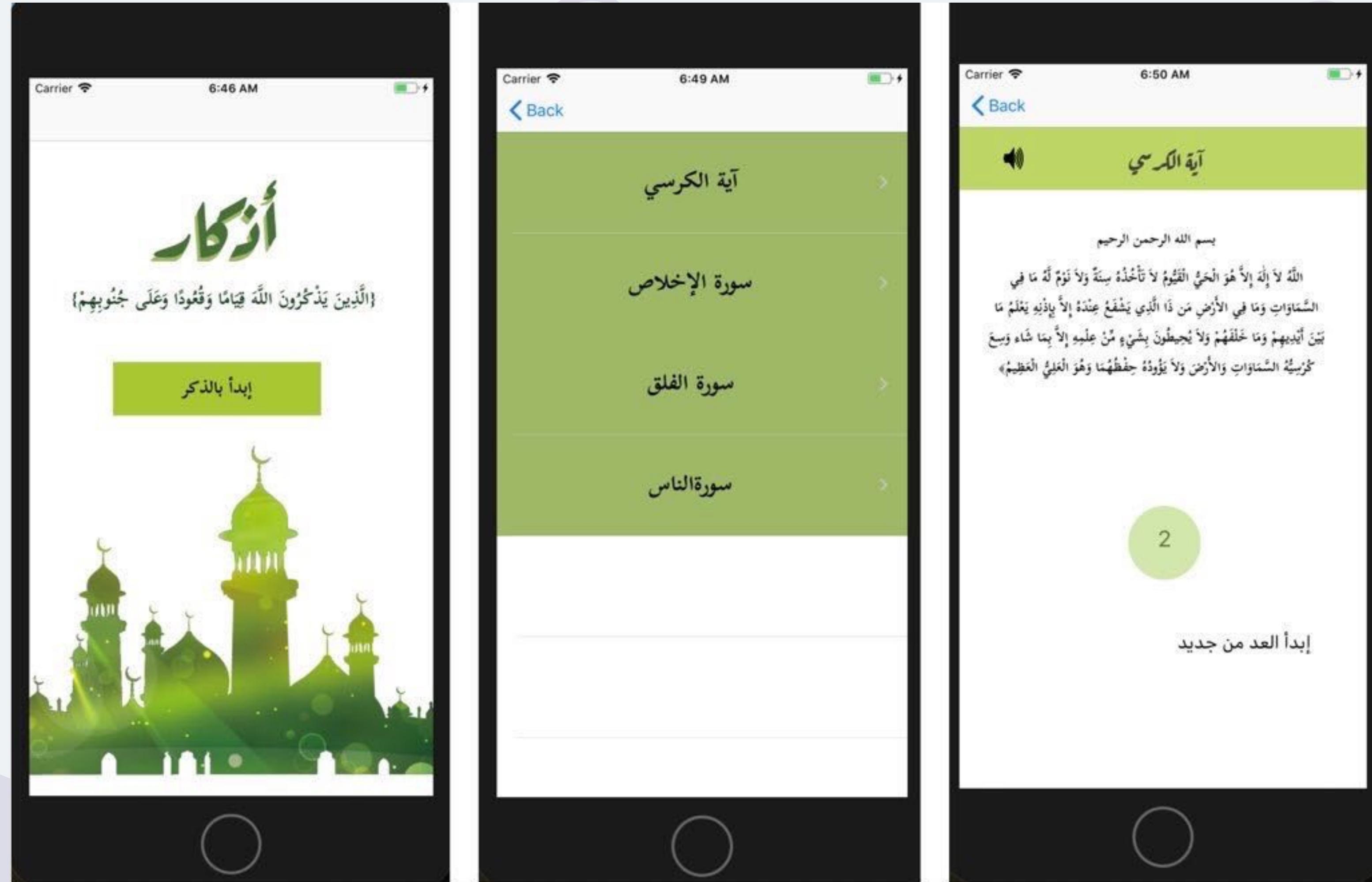
Day 3



Student work: Hasan Alsaffar

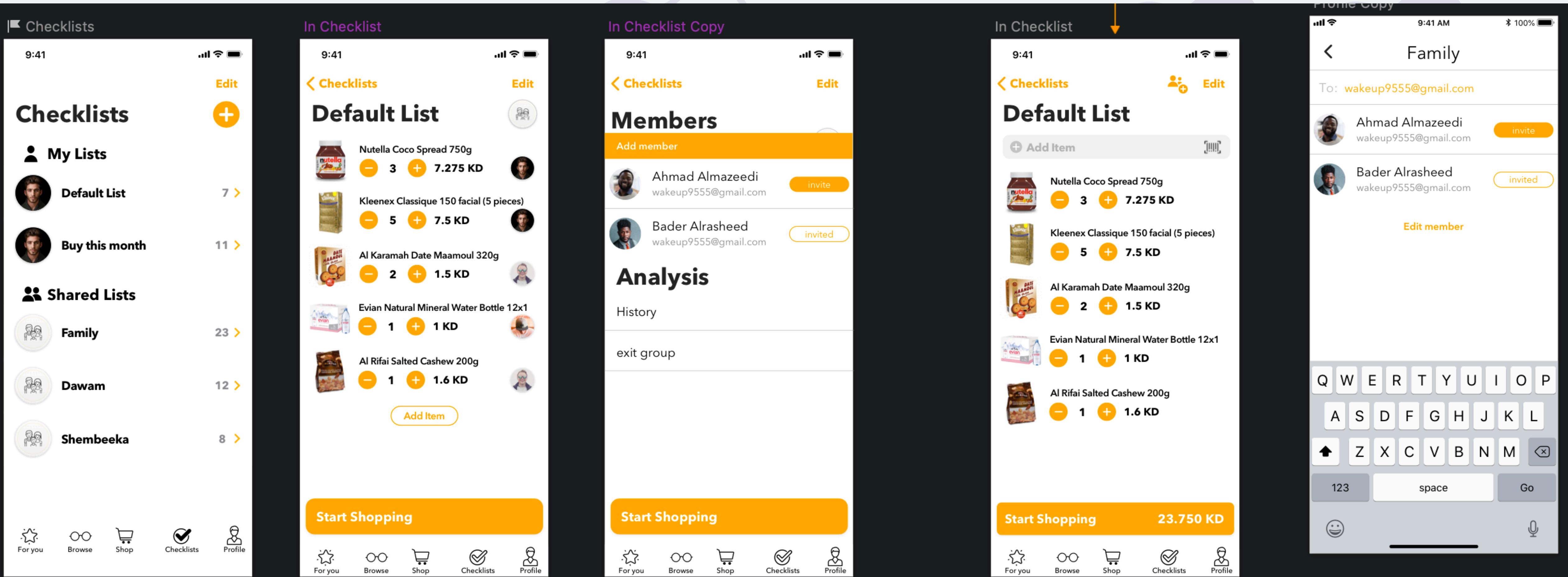


Day 4



Student work: Zainab Ahmad

Day 5



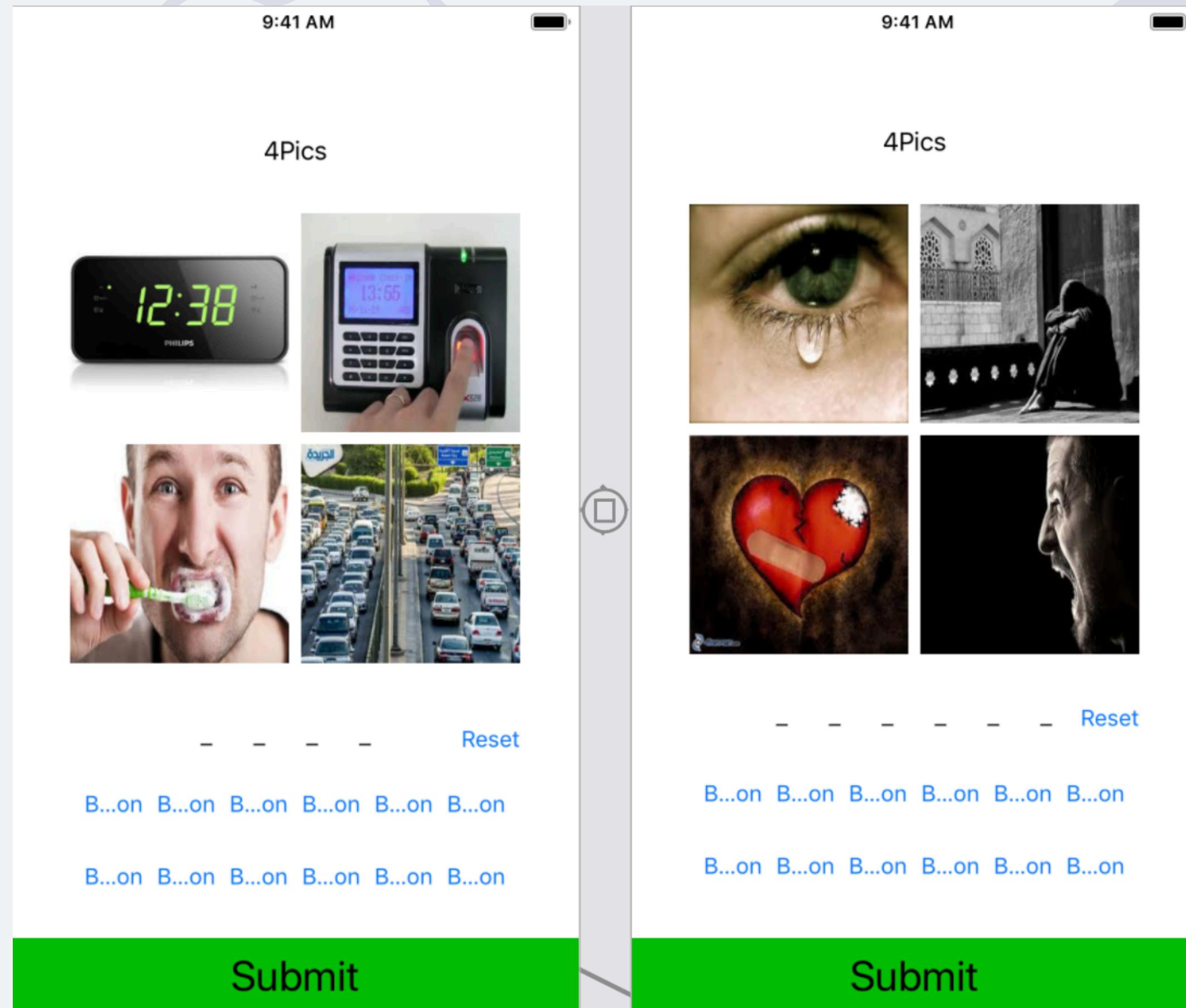
Do whatever you want in firebase.

Day 6: Competition

Last day, there will be a competition for all students to do projects with their own ideas. Students can make groups and work as a team for 2 days on their own project and then present it in the last day.

The next slides are results from the students competition in the previous course.
Groups were made from 1 up to 4 members.

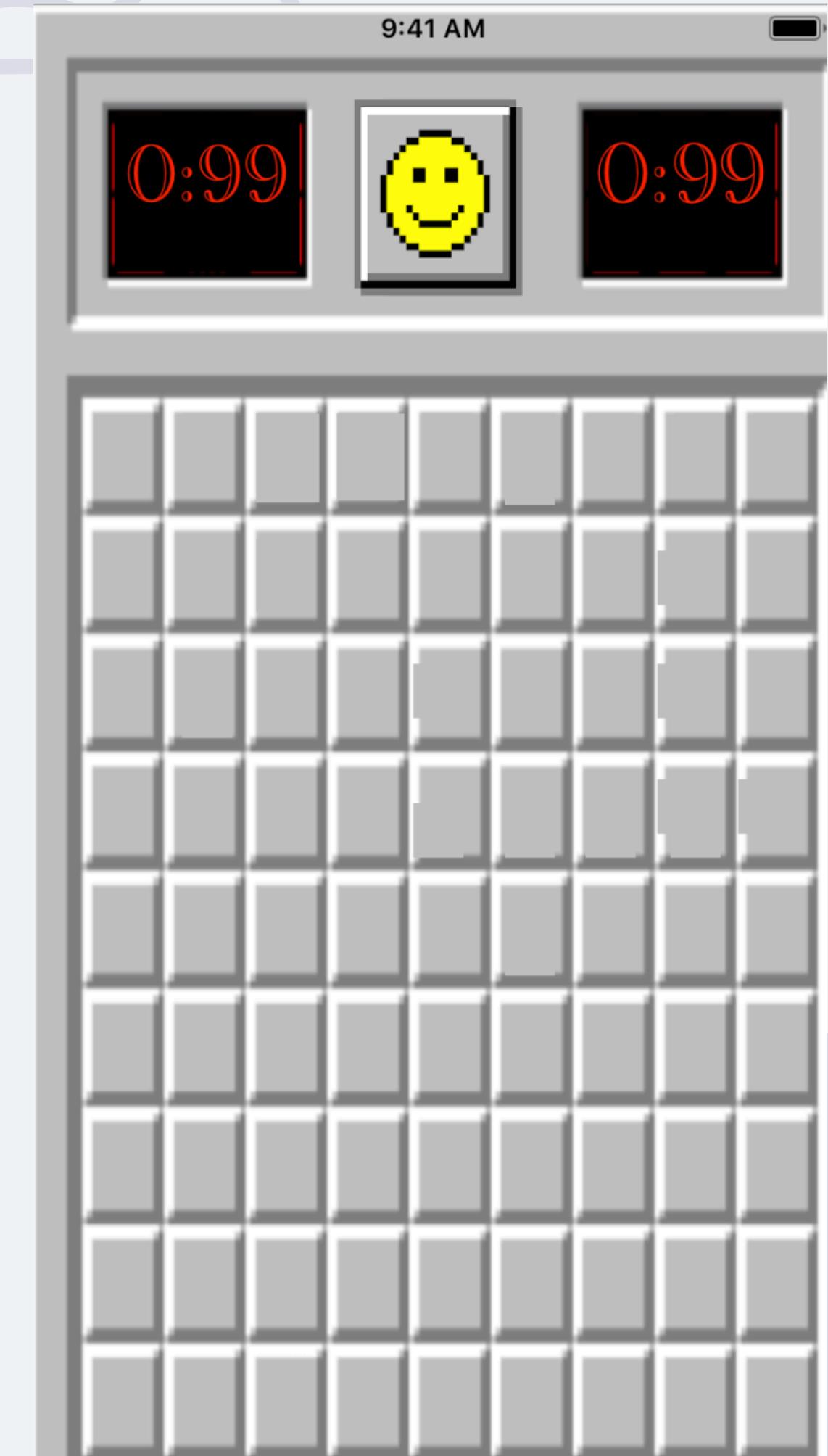
Competition



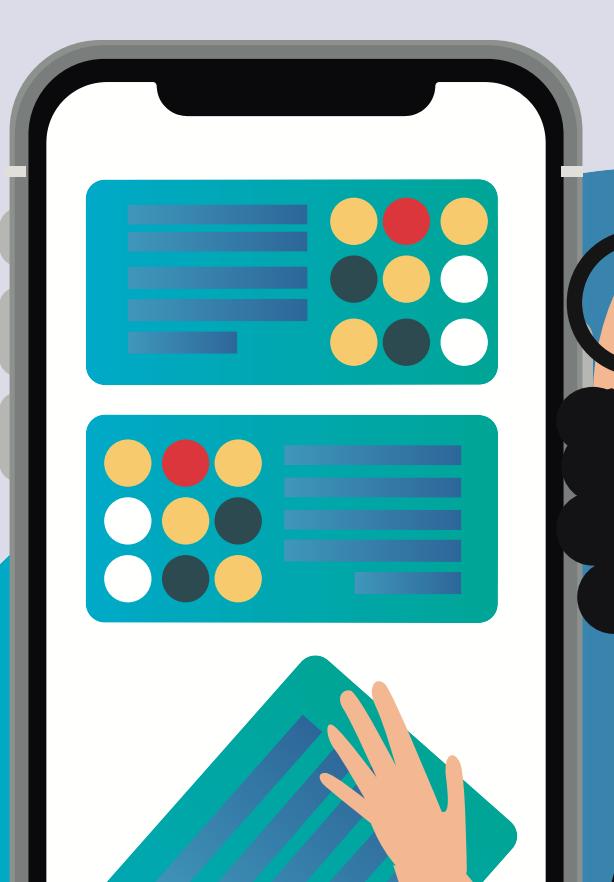
4 pics one word game



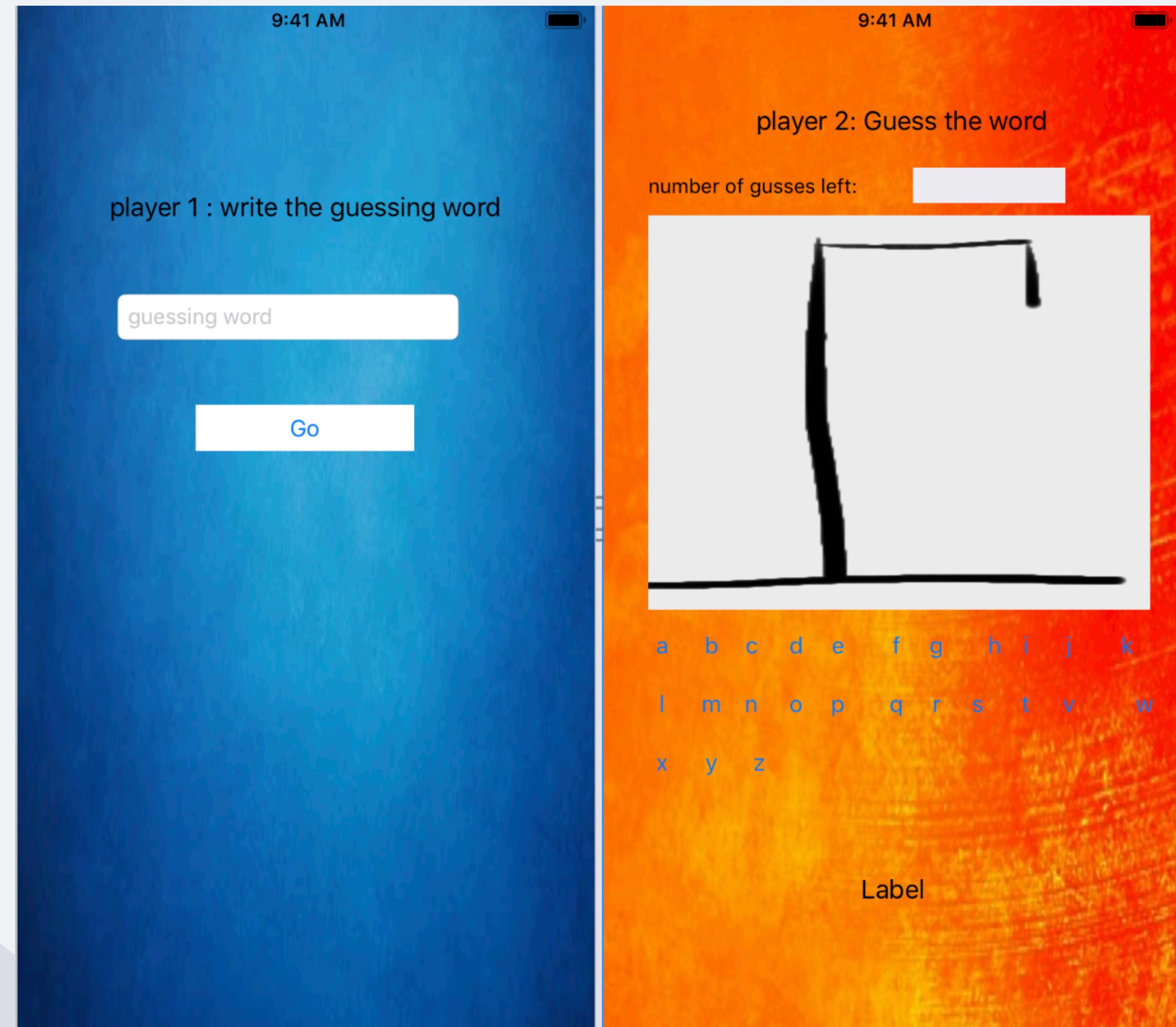
Competition



Bomb flag game



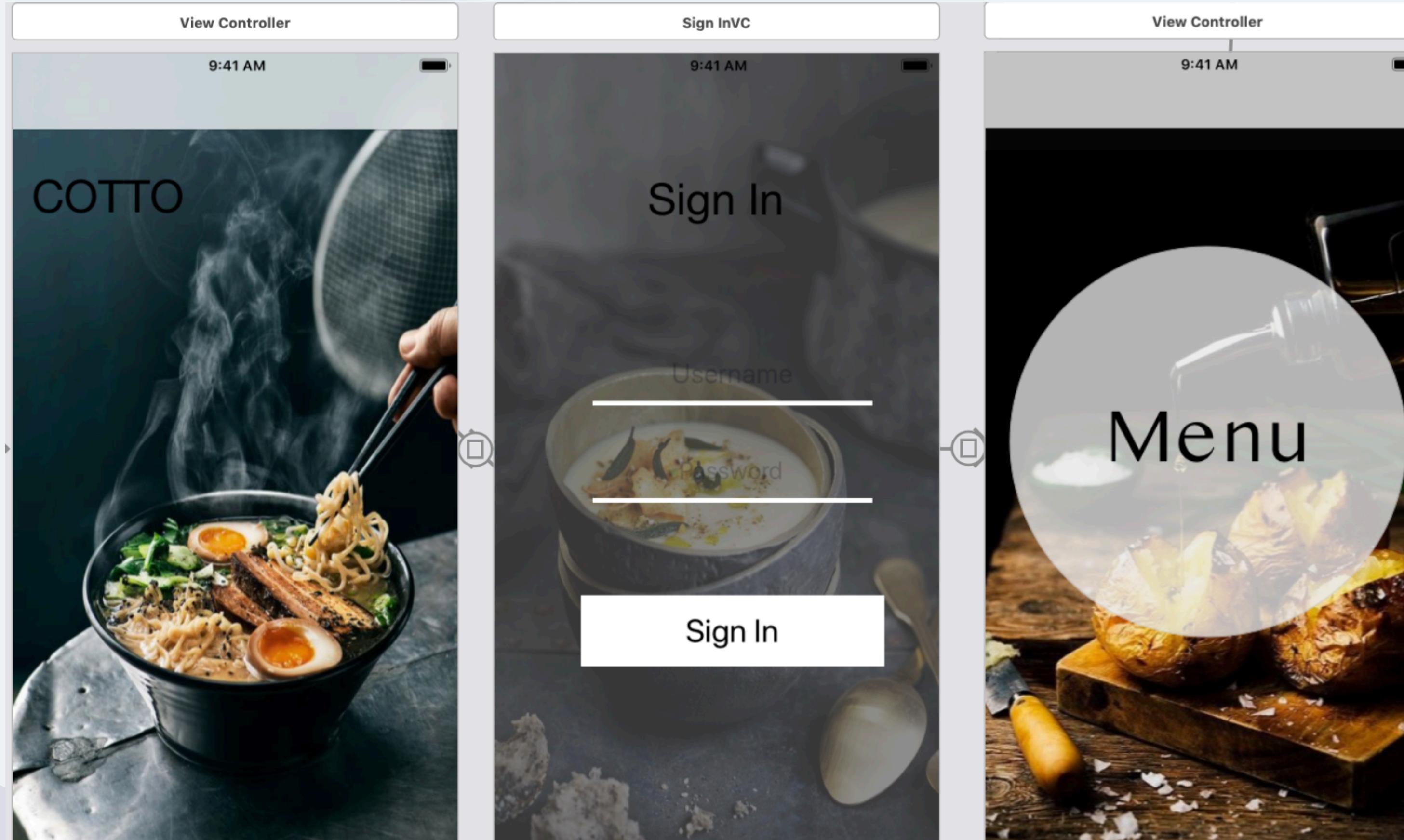
Competition



Hang man game

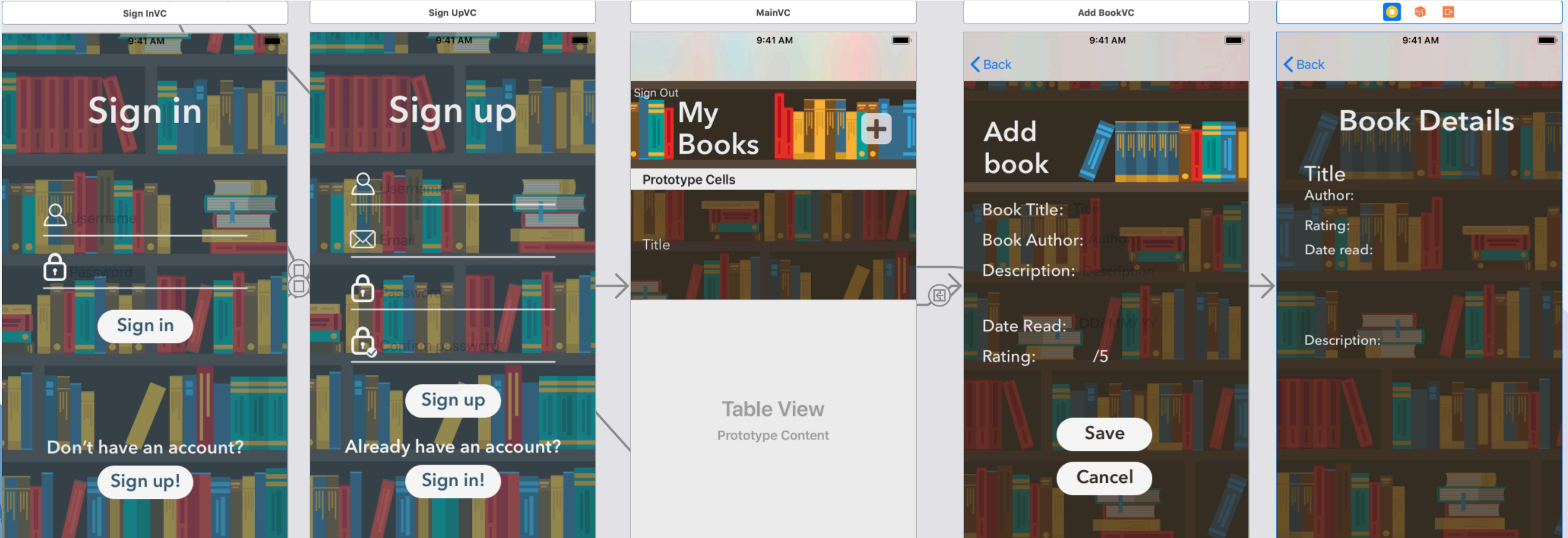


Competition



Resturant menu app

Competition



Pocket library app (Winner app)

Price

85 KD only!

Register now!



@omsi96

omaralibrahim.com

