

Term 2 Assignment

College Baseball Recruiting App for IOS

- Working on debugging the sign-in process of the app. There is an issue arising about a segue without an identifier. The software doesn't explicitly say where the error is caused, and which page is causing the error, and this is causing a difficult time figuring out which line of code the problem is occurring.
- After this is solved, the next step is to work on the coach login and sign-up pages which are very similar to the athlete login and sign-up pages and should take little time to complete. Once all of the login and signup pages are complete then the home page will begin.



iPhone 11
iOS 15.2



4:05



COLLEGE RECRUITING ASSISTANT

All your needs for College
Recruiting Process

Athlete Sign In

Coach Sign In

Sign Up





iPhone 11
iOS 15.2



4:00



test

test

2022

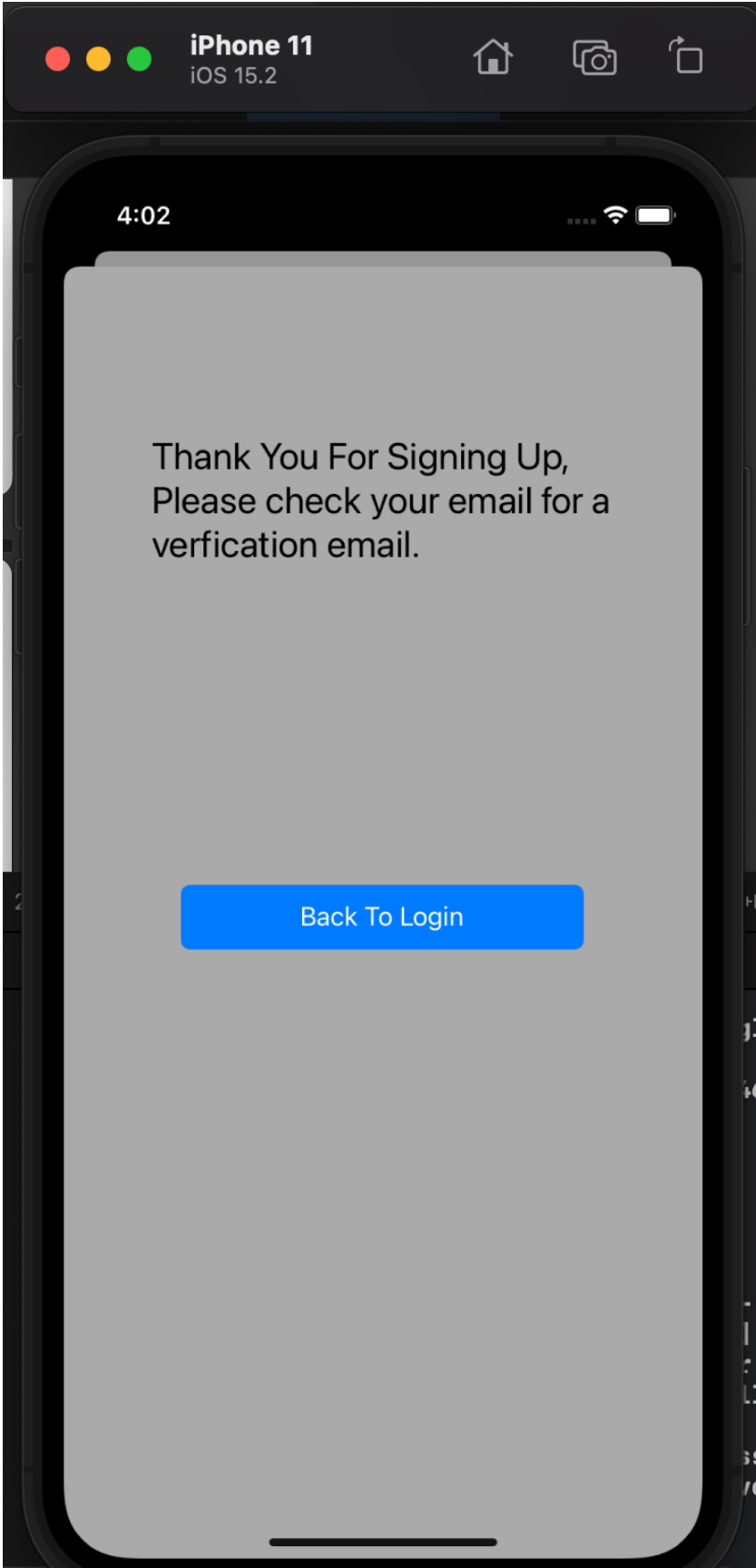
Sport

test@t.com

1234567890

.....

Sign Up



Back To Login

```

60
61  © @IBAction func signUpTapped(_ sender: Any) {
62
63     //validate fields
64     let error = validateFields()
65
66     if error != nil
67     {
68         // There was an error
69         showError(error!)
70     }
71     else
72     {
73         // Create Cleaned versions of data
74         let firstname = fName.text!.trimmingCharacters(in: .whitespacesAndNewlines)
75         let lastname = LName.text!.trimmingCharacters(in: .whitespacesAndNewlines)
76         let gradYear = gradYear.text!.trimmingCharacters(in: .whitespacesAndNewlines)
77         let sport = sport.text!.trimmingCharacters(in: .whitespacesAndNewlines)
78         let email = email.text!.trimmingCharacters(in: .whitespacesAndNewlines)
79         let phone = phoneNum.text!.trimmingCharacters(in: .whitespacesAndNewlines)
80         let passwd = passwd.text!.trimmingCharacters(in: .whitespacesAndNewlines)
81
82         Auth.auth().createUser(withEmail: email, password: passwd) { (result, err) in
83             // Check for errors
84             if err != nil {
85                 // There was an error
86                 self.showError("Error Creating User")
87             }
88             else
89             {
90                 // User was created successfully, stores data
91                 let db = Firestore.firestore()
92
93                 db.collection("athlete").addDocument(data: [
94                     "firstname":firstname,
95                     "lastname":lastname,
96                     "gradYear":gradYear,
97                     "sport":sport,
98                     "email":email,
99                     "phone":phone,
100                    "password":passwd

```

```

92
93         db.collection("athlete").addDocument(data: [
94             "firstname":firstname,
95             "lastname":lastname,
96             "gradYear":gradYear,
97             "sport":sport,
98             "email":email,
99             "phone":phone,
100            "password":passwd,
101            "UID": result!.user.uid]) { (error) in
102
103                if error != nil {
104                    self.showError("error saving user data")
105                }
106            }
107            self.transitionToHome()
108        }
109    }
110 }
111 //Create The user
112
113 //Transition to Home Screen
114 }
115
116 func showError(_ message:String) {
117     errorLabel.text = message
118     errorLabel.alpha = 1
119 }
120
121 func transitionToHome(){
122
123     let homeViewController = storyboard?.instantiateViewController(identifier:
124         Constants.Storyboard.VerifyView) as? HomeViewController
125
126     view.window?.rootViewController = homeViewController
127     view.window?.makeKeyAndVisible()
128 }
129

```

```

20  @IBOutlet weak var phoneNum: UITextField!
21  @IBOutlet weak var passwd: UITextField!
22
23  @IBOutlet weak var signUpButton: UIButton!
24  @IBOutlet weak var errorLabel: UILabel!
25
26
27  override func viewDidLoad() {
28      super.viewDidLoad()
29      // Do any additional setup after loading the view.
30  }
31
32  // Chck The Fields and Validate that the data is correct.
33  // If everthing is correct, this method returns nil. Otherwise returns error message
34
35  func validateFields() -> String? {
36
37      //check that all fields are filled in
38      if fName.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
39         fName.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
40         gradYear.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
41         sport.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
42         email.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
43         phoneNum.text?.trimmingCharacters(in: .whitespacesAndNewlines) == "" ||
44         passwd.text?.trimmingCharacters(in: .whitespacesAndNewlines) == ""
45      {
46          return "Please Fill in all fields"
47      }
48
49      // Check if password is secure
50      let cleanedPasswd = passwd.text!.trimmingCharacters(in: .whitespacesAndNewlines)
51
52      if Utilities.isPasswordValid(cleanedPasswd) == false
53      {
54          // Password isnt secure
55          return "Password must contain at least 8 characters, containing a special charact
56      }
57
58      return nil
59  }

```