Team Gold
Old Dominion University
Fall 2019
22 October 2019
What Have We Accomplished?

Account Management
- Users can create new accounts
- Users can log in and out of existing accounts
- Users must confirm email before using app
- Users can reset password
- Existing users can change their current password
- Users can upload transcripts and select courses to tutor
- Users can toggle their availability in real-time

Interactivity
- Tutee mode only
- In Progress: Tutees can see local tutors on the google map
- Tutees can find any tutor at their university
- Functional sorting
- Functional searching
- Real-time updates on user information

Miscellaneous
- Options for courses and schools are dynamically populated
- Functional toolbar
- Caching (Implemented but not currently being used)
moved toggle availability window

OXX. Email Login Base
- Removed unnecessary code.
- Merge remote-tracking branch 'origin/master'
- Got location updates working in MapFragment.
- cleaned up stuff
- fixed bug causing crash when signing out then back in to see search results
- Merge branch '032-DistanceCalculator' into 'master'
- Merge branch 'master' into '032-DistanceCalculator'
- Added location distance calculator and test
- Create profile activity
- refactored project a bit to be more organized
- Merge branch '083_viewmode_toggle' into 'master'
- added toggle switch for tutor and tutee mode (not functional yet)
- fixed bug causing crash due to not calling finish() after signout
- Merge branch '073_SignOutMenu' into 'master'
- Merge branch 'master' into '073_SignOutMenu'
- Added sign out option to menu.
- Merge branch '076_passwordChanging' into 'master'
- added password changing capabilities in profile activity
- added session model
Challenges We’ve Been Facing

- Event-driven asynchronous programming
- Working with authentication API
- Front-end complexity
- Android tasks and back stack
- Getting activities to communicate with one another
- Retaining real-time information
- Minimizing reads/writes to Firestore
What’s Next? (As of 10/22)

Two weeks from now:
- Users will be able to toggle in/out of tutee mode
- Result on map and text view will depend on viewing mode
- Member profile and settings navigation = 100% complete
- When clicking on results on map or text view, member profile will display

One month from now:
- Users can schedule meetings
- Users can cancel meetings
- Handshake agreement implementation
- Automatic pay-rates are calculated for each course a tutor offers
- Users can send push notifications and get alerted when compatible users are available
- Functional chat

One month + 2 weeks from now:
- Payments are received
- Events are synchronized to users’ Google Calendars (adding web-conferencing when necessary)
- Users can be blacklisted (functionality exists but it will be a manual process)
Firebase Test Lab -
First Robo Test