What we need to turn in:

On github classroom project:
- **Add this documentation**
- **Update the readme to include a link to the Trello board and pictures of team members (name & github handle)**
- **Trello board with all tasks & status**

Designs for all screens (Balsamiq)
(on Github → Designs folder)

Third Party Libraries We Plan to Use:
- Firebase (Storage)
- Message Kit
- Koloda
- Google Sign-In
- Some Geotag library

Server Support & APIs we plan to build
API for:
- matches (load matches for each user)
- Filtering (show potential matches by user preference)

List of all Models to Include in App:

User
- Profile picture: UIImage
- Name
- Gender
- Date of Birth / Age
- Bio
- **Login Credentials object** (Look below)
- **Matches object** (Look below)

- **Preferences Object** *(Look below)*
- **Messages:** chat logs

Login Credentials
- Username
- Email
- Password

Matches
- Current matches
- Favorited matches
- Deleted matches (don't match them again)

Preferences
- Gender
- Age
- Pets (yes / no)
- Is student (yes / no)
    - Area of study

List of all view controllers
- How to navigate to each view controller
- Protocols/delegates/variables using for view controllers and communication between them
- Account Creation View Controller:
    - First time users are directed to this VC
- Profile Setup VC:
    - Protocol/ listener for when user captures photo; update user's object
    - Can navigate to this VC after account creation VC.
- Login VC:
    - Google Sign-In Delegate

- Navigates to the home screen
- Home VC:
  - Koloda View Delegate (stack swiping animation)
  - UI Tab Bar Controller Delegate (bottom menu bar)
  - Using bottom bar, can navigate to 'Edit Profile VC', 'Matches VC', 'Messages Overview VC'
- Edit Profile VC:
  - <protocols or delegates>?
  - Navigates from 'Home VC'
- Settings/Preferences VC:
  - UITextField Delegate
  - Navigates from 'Profile VC'
- Matches VC:
  - UITableViewDataSource, UITableViewDelegate
  - Navigates from 'Home VC' to 'message Overview'
- Messages Overview VC:
  - To be decided
  - Navigates from 'Matches VC' to 'Chat VC'
- Chat VC:
  - To be decided
  - Navigates from 'Matches VC'
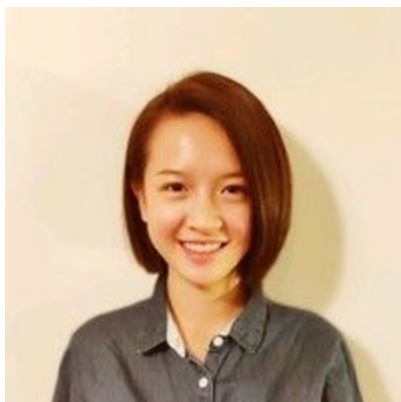
List of Week Long Tasks and Timeline

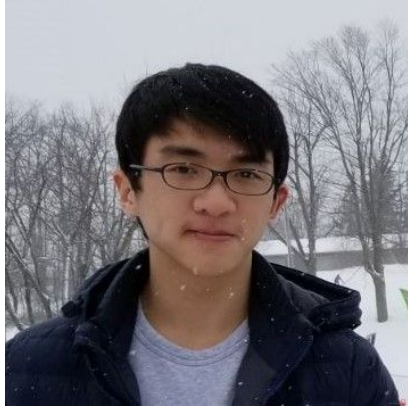| Week	Task to be completed
11/12-11/14	Complete layout for view controllers with basic functionality
11/15-11/20	Integrate Firebase into functionality
11/21-11/27	Message Kit Integration + Integrating Camera (taking pictures & uploading)
11/28-12/4	Implementing Filtering and Matching

Testing Plan

- Create google surveys for users to fill out after using app:
- Have them rate:
  - Ease of use, how hard was it to figure out how the app works?
  - Rate if the flow/navigation from screen to screen was logical (should navigation between screens be changed?)
  - How long it takes to sign up
  - How satisfied they are with the matches they get
  - How likely they would use the app compared to alternatives (Facebook, …)
    - How safe do they feel using the app
  - Suggest improvements:
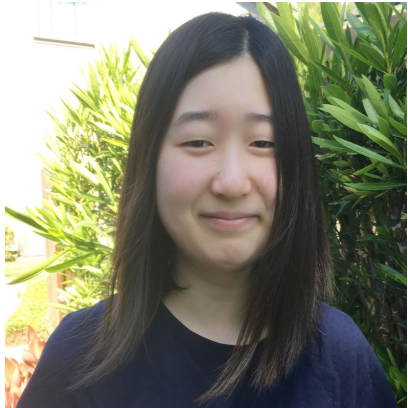   - Preferences sheet (should some preferences be added/removed, and if so what?)
- Time how long it takes for user

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