**Group number:** 6  
**Team members**: Andrew Whitehead, Alistair Ong, Caleb Hamada, Rajat Menhdiratta

**Name of project:** ezCard  
**Dependencies:** Xcode 10.2, Swift 4

**Special Instructions:**

* You have to open the file ezCard.xcworkspace (as opposed to the file ezCard.xcodeproj).
* Before running the app, run "pod install" inside the ezCard folder where the podfile is located
* A real device (with a rear-facing camera) and two separate accounts will be needed to test the scan feature.
* To test the scan feature, you can either use two real devices or one real device and the simulator. Generate a card’s QR code on the simulator then scan it with the real device.

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| **Feature** | **Description** | **Release planned** | **Release actual** | **Deviations (if any)** | **Who/Percentage worked on** |
| Login/Registration | Allows users to create an account and login | Alpha | Alpha | None | Andrew (100%) |
| QR code generation | Allows users to generate QR codes for their cards | Beta | Beta | None | Andrew (100%) |
| QR code scanning | Allows users to scan other user’s cards | Beta | Beta | None | Caleb (75%)  Andrew (25%) |
| Contacts UI | Display logic/fetching of contacts | Beta | Beta | None | Caleb (100%) |
| Transactions UI | Display logic/fetching of transactions | Beta | Beta | None | Caleb (100%) |
| Cards UI | Display logic for the cards in a table view | Beta | Beta | None | Alistair (100%) |
| Profile screen | The current user’s profile (reused for contact screen as well) | Alpha | Alpha | None | Alistair (50%)  Andrew (40%)  Caleb (10%) |
| Navigation | Navigation without storyboards (push/pop/set up window in app delegate) | Alpha | Alpha | None | Andrew (100%) |
| Add members to organization | Allows users to add individuals to an organization as members | Beta | Beta | None | Rajat (100%) |
| Add/edit cards | Allows users to add and edit their cards | Beta | Beta | None | Alistair (100%) |
| Profile image handling | The downloading/uploading and displaying of user profile images | Beta | Beta | None | Andrew (100%) |
| Settings screen | Allows the user to edit their personal info that can be used to make cards | Final | Alpha/Final | None | Andrew (50%)  Rajat (50%) |
| Data model | The data model held locally within the app (e.g., User class, Contact class, Transaction class, etc) | Alpha | Alpha | None | Alistair (50%)  Andrew (50%) |
| Backend | Any Firebase Realtime database stuff | Alpha | Alpha | None | Andrew (25%)  Alistair (25%)  Caleb (25%)  Rajat (25%) |
| Documentation | Adding of any documentation in the code | Final | Final | None | Caleb (75%)  Alistair (25%) |
| Search (transactions and contacts) | Allows users to search through their feed by card value or their contacts by name | Final | Final | None | Alistair (100%) |
| Delete cards | Allows users to remove a card from a contact or delete one of their own cards | Final | Final | None | Rajat (100%) |
| Delete contacts | Allows users to remove a contact | Final | Final | None | Andrew (60%)  Rajat (40%) |
| Optimizations | Mostly to Firebase fetching | Final | Final | None | Alistair (50%)  Caleb (50%) |
| General code cleanup | Add “// MARK:”s and organize code | Final | Final | None | Caleb (70%)  Alistair (30%) |
| Transaction descriptions | Show descriptions for the different transactions in the feed view | Final | Final | None | Rajat (75%)  Andrew (25%) |
| Expanded card view | Allows a user to expand the information shown on a card in a separate view controller | Final | Final | None | Rajat (75%)  Andrew (25%) |