Team Number: Team #6
Group Members: Alistair, Andrew, Caleb, Rajat

Application Name: ezCard
Application Type: Utility

General Description:
Exchanging contact information with project group members is cumbersome. Finding and following all the social media accounts of your former group-members-turned-friends at the end of a semester can be a challenge. Printing and distributing paper copies of your resume/CV at career fairs is time-consuming and potentially expensive given the price of printer ink. What if there was a way to share situationally relevant information about yourself quickly, easily, and securely?

The app will allow people and organizations to share and receive information easily via QR code ID cards. ID cards allow you to create groupings of various pieces of information to share in specific situations. For example, you could create an ID card for career fairs which would share your resume/CV, phone number, email, and LinkedIn account with recruiters. You could create an ID card for project groups which would share your phone number and school email. You could create an ID card for new friends which would share links to your social media accounts.

The purpose of the app is to aid the communication process in various academic and professional situations. To draw a better picture as to where this app fits into the landscape -- the app is a sort of combination of the old Bump app, Facebook Events, LinkedIn, and the native contacts app. It is a tool that removes the awkward gray area before communication begins between two unfamiliar parties.

Feature List:
- Signup/Login - Account types will be necessary to differentiate between individual accounts and corporate/school/organization accounts
- Settings - Can control privacy settings, delete account, manage notification preferences, etc.
- ID cards - ID cards allow you to create groupings of various pieces of information to share in specific situations. For version 1.0, shareable information includes: student ID, phone number, name, email, social media account links, CV, resume
- QR code scanning - For quick, easy ID card information exchange
- Contacts - Like friends on social media, but can include non-individuals like corporations, groups, or organizations as well. People and groups you share an ID card with automatically become a contact, and depending on your privacy settings this will allow you to message the other party and the other party to message you
- Search functionality - lets you search through contacts/ID cards by name, phone number, industry, social media account, etc.

- Event management (stretch goal) - corporations can set up interviews, project groups can set up meeting times, school organizations can set up specific events
- Messaging (stretch goal) - can be used for clarification, followup, or collaboration
- Export information to Contacts app - integration with Apple's Contacts API (stretch goal)

Target Audience: The idea of this app is to share information and make communicating easier; that includes communication from individual to individual, group to individual, and individual to group. So for version 1.0, UT students are one target audience. Another target audience would be corporations, organizations, and schools that connect with UT students. The goal is to integrate tightly and perhaps partner with university functions (like career fairs), so that companies and organizations are more pressured/required to use the app to participate in the event. Currently, companies at UT career fairs connect with student in many different ways: some use email, some use company software, some use google forms, some use phone. This would provide students a *singular* communication platform that's easy to use, quick, and secure.

Development Plan:

- Alpha
  - Registration page
    - With option to be individual or group account type
  - Login page
  - Profile page
  - ID Cards
    - QR code scanning
    - Types for different situations (i.e., business card, personal card, school card, etc.)
    - Possible info included: social media account links, contact information, and professional information
- Beta
  - Home page (a transactional feed view similar to Venmo, but with ID cards)
    - With clusters by add on date, groups, industry, etc.
  - Contacts list
    - Extracted and grouped from previous ID card "transactions"
  - Individual accounts associated with a group (e.g., company has an admin account then an account for each recruiter similar to how organizations work on Github)
- Final
  - Settings
  - Search functionality
  - Integration with contacts API for information exporting (stretch)
  - Messaging and call functions (stretch)
  - Events management functions (stretch)