

Frienso Design Specification

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CHAPTER 1

INTRODUCTION

1.1 MINIMUM VALUE PROPOSITION

1.1.1 *Overview of the Frienso UI*

1.1.2 *CoreFriends Network Creation*

1.2 TEAM COLLABORATION

1.2.1 *README iOS Code File*

The iOS project folder contains the file `README.md` to be used to maintain brief descriptions of the app's version and build number. The build number is a number generated from the

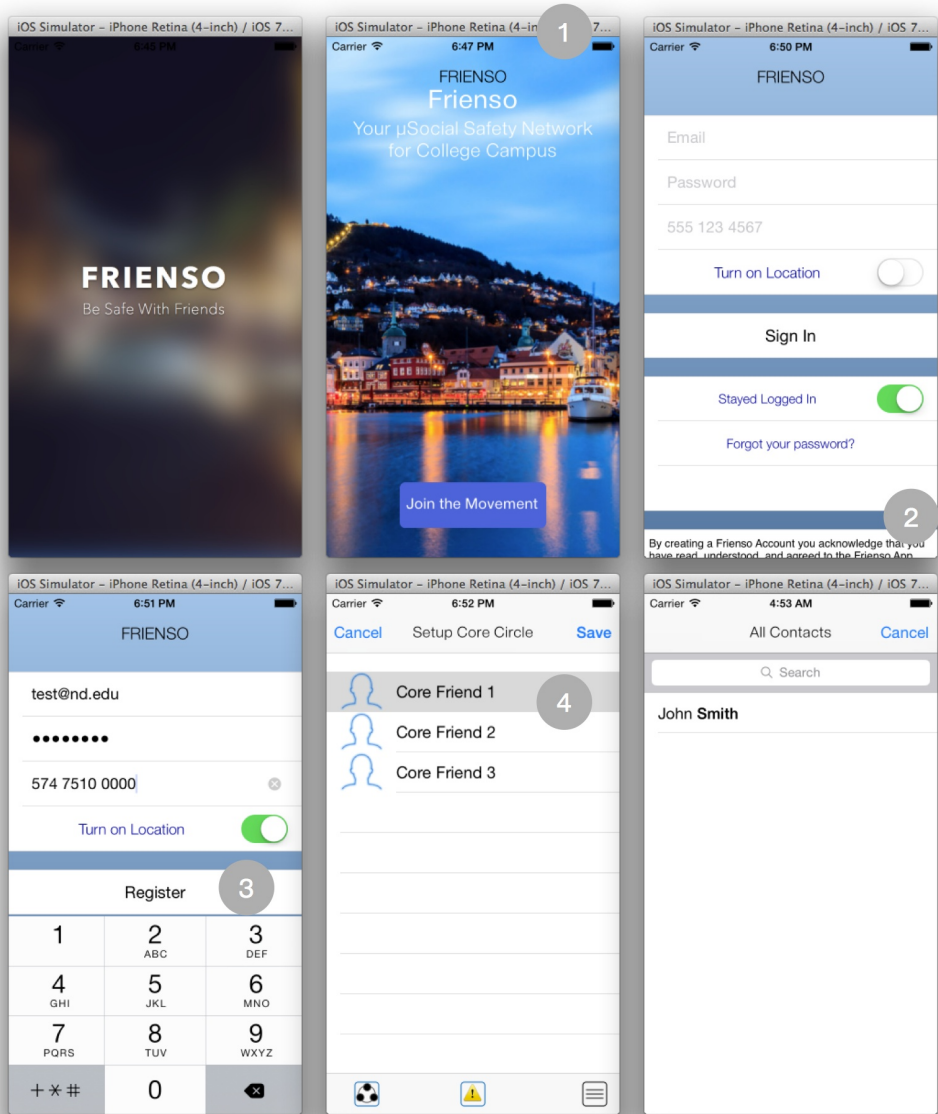


FIGURE 1.1 – Login or registration .

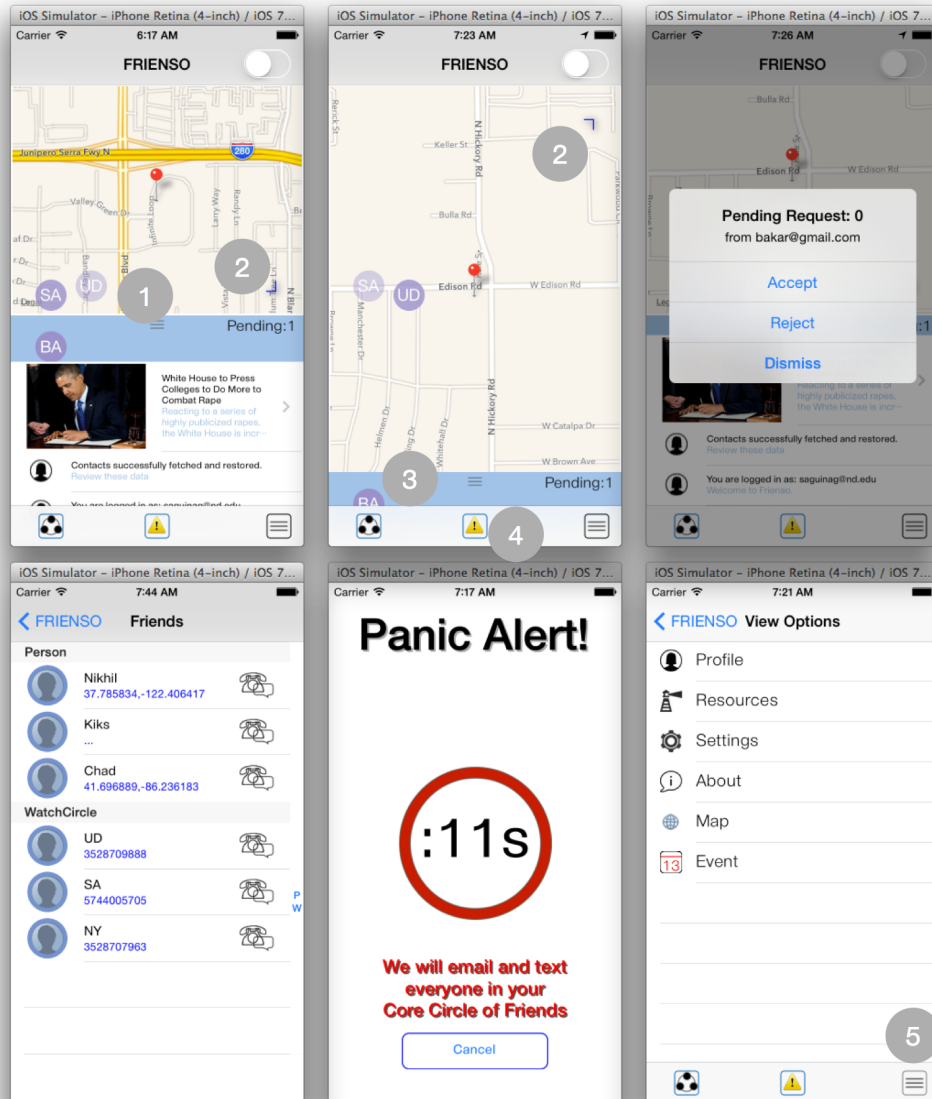


FIGURE 1.2 – Home view and toolbar features: Home view, Fullscreen mapview, Pending requests drawer, Friends view, HelpNow view, View options (top left to bottom right). .

git commits. The build version number is updated each time a new executable is generated for ad-hoc distribution.

In addition to the app's version, the README file maintains a list of TODO items and descriptions of how they were completed.

1.2.2 *Team Collaboration on Github*

Resolving merge conflicts

1.3 DOCUMENTATION STRUCTURE

1.4 FEATURES

1.4.1 *Pending Requests*

Pending requests fall into four types: watch, helpNow, and coreFriend. Users have the following options: to accept, reject, or dismiss the request.

1.4.1.1 Type: watch

Requests of type *watch* are accessed when a user that added you to their coreFriends circle has initiated a 'watchMe' alert.

watch alerts will share your location in near real time only with those in your coreCircle and only if they have accepted your 'watch' requests. Accept or reject allows for a feedback mechanism. Users that initiate a watchMe request will know who is watching them for the duration of the watchMe alert active period.

1.4.1.2 Type: *helpNow*

Requests of type *helpNow* are accessed when a user has initiated an urgent help request. Initiating this request type triggers SMS texts to go to those in one's *coreFriends* circle (aka *coreCircle*) and push notifications.

helpNow alerts will share your location in near real time only with those in your *coreCircle* regardless if they've accepted your request. Users that initiate a *helpNow* request will also be prompted to dial campus police or 911 automatically.

1.4.1.3 Type: *coreFriend*

Requests of type *coreFriend* are accessed when i) a user creates its *μsocial* network. The user selects from it's contacts up to three friends, and ii) when the user changes or edits it's *coreCircle*. The actions after the user hits 'save' are to update the local data-store (*NSUserDefaults*, and *CoreData*) and update the cloud-store (*Parse*).

coreFriend requests notify contacts that they have been chosen to be a trusted friend on the *Frienso* app. The notification will appears on their phone's *Frienso* app or as a SMS text.

These requests have bidirectional properties, you might ask user X to be in your *coreCircle* and that same user might ask you to be in their *coreCircle*. In this case, the user should only appear once in your *Frienso* friends list.

1.5 DATA-STORE STRUCTURES

1.5.1 *NSUserDefaults*

Key-value standard defaults:

Key	Value
<i>adminID</i>	username, email
<i>adminPass</i>	password
<i>userName</i>	user's email
<i>userEmail</i>	user's email
<i>adminInParse</i>	flag, o = Not in parse
<i>userPhone</i>	user's phone number
<i>CoreFriendsContactInfoDicKey</i>	NSDictionary of user's coreCircle

1.5.2 *CoreData*

The Frienso projects has the following NSManagedObject subclass files and entity attributes:

- **CoreFriends[.h,.m]**
 - property (nonatomic, retain) NSString * coreEmail;
 - property (nonatomic, retain) NSString * coreFirstName;
 - property (nonatomic, retain) NSString * coreLastName;
 - ... see the CoreDataFiles for more details
- **FrienEvent[.h,.m]**
 - property (nonatomic, retain) NSString * eventTitle;
 - property (nonatomic, retain) NSString * eventSubtitle;
 - property (nonatomic, retain) NSString * eventObjId;
 - ... see the CoreDataFiles for more details
- **FriensoEvent[.h,.m]**
 - property (nonatomic, retain) NSString * resTitle;
 - property (nonatomic, retain) NSString * resDetail;
 - property (nonatomic, retain) NSString * resUrlLink;
 - ... see the CoreDataFiles for more details

1.5.3 *Parse - Cloud Store*

This projects uses Parse as the cloud-store back-end and can accessed at here: [~> Parse/Dashboard/Data Browser link.](#)

† these classes are under construction.

TABLE 1.1 – Parse Frienso Classes .

Classes	Description
<i>User</i>	The standard user object
<i>UserCoreFriends</i>	Dictionary data structure holds each user's core-Circle
<i>Resources</i>	College/University resources
<i>UserConnections</i>	Linking a phone number to a user (class to be deprecated, because the phone number has been added to the User class).
<i>CoreFriendRequest</i>	†
<i>TrackRequest</i>	†
<i>UserEvent</i>	†