

Safe Ride iOS App Architecture

iOS App Launches

SafeRide

Map Screen

Confirm Screen

Request Sent Screen

MapViewController.swift

ConfirmViewController.swift

SwiftDDP

Meteor Calls

SettingsViewController.swift

SettingsService.swift

Defines the methods for inputting & retrieving data from the database

Settings Screen

Diagram Key

UI Flow
Information Flow

Source Code Files

UI Screens

Components

Additional Libraries

Modules

CoreDataService

Initializes the CoreData database

CoreDataService.swift

CoreData

NamedEntity.swift

NSFetchRequest_Service.swift

NSEntityDescription_Service.swift

Provides extensions to make interfacing with CoreData easier

Defines the "User" Data Model Entity

CoreDataService.swift

CoreDataService.swift

Model.xcdatamodel

Modules