Introduction: The journey is our destination

- An application for cyclists that
  - Promotes exercise
  - Shakes up the cycling routine
- Creates a user friendly network for cyclists that
  - Shows user progress
  - Establishes a community
- The statistics say
  - Behind tobacco, the leading cause of death among adults is inactivity
  - Number one strategy for reducing inactivity-related diseases: shifting from auto trips to walking and bicycling

Problem Description: The Routine Riding Rut

Many cyclists tend to have a routine route. When riding for enjoyment one does not need a destination. Those who ride purely to get from point A to point B do not get the full enjoyment out of riding their bike. A veteran cyclist of the Bicycle Kitchen once said "Ride on the streets you don’t know the name of."

Proposed Solution: Cyclist Community

Approach

- Although it may seem simple to look up new routes online, it is very cumbersome to do so. To remedy this problem the Cycle Cens application has created a forum to allow cyclists to upload their own routes and rate the routes of others.
- When there are no current routes in the area the user can use the random route generator. This feature allows the user to specify a distance, and the phone will compute a random route originating from the user’s location.
  - In the future it is hoped that Cycle Cens can implement a difficulty system into the random route generator that takes elevation into account.
- Each uploaded route is defined by a difficulty level and other route attributes. This allows other riders to see what they are in for once selecting a route.
- After a user has taken a route their data such as time, distance, and calories burned will be stored and updated on the Cycle Cens database.
- Over all our application aims to serve bicycle enthusiasts all over the world.

Application Mock Up

UCLA – UCR – Caltech – USC – UC Merced