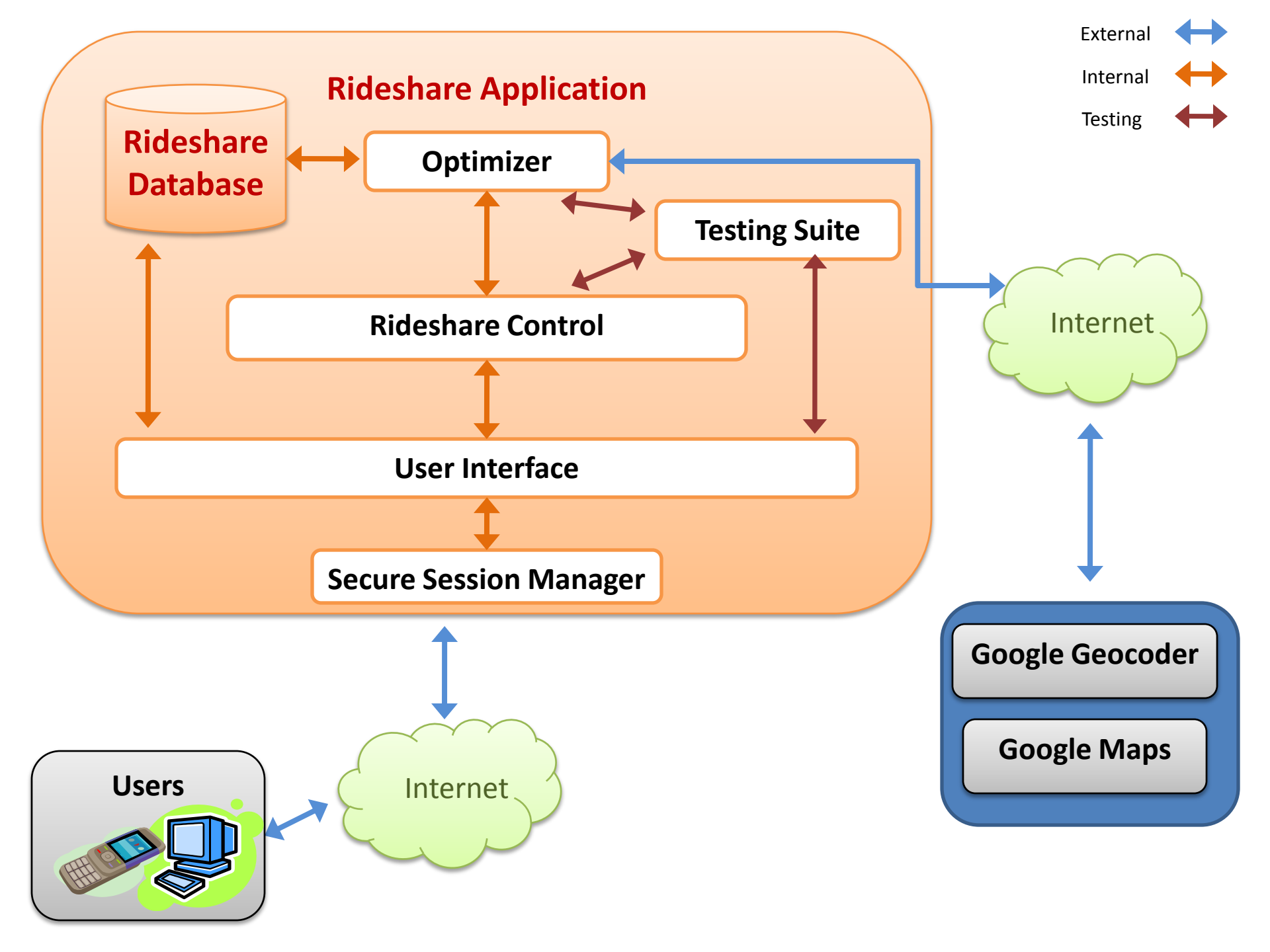
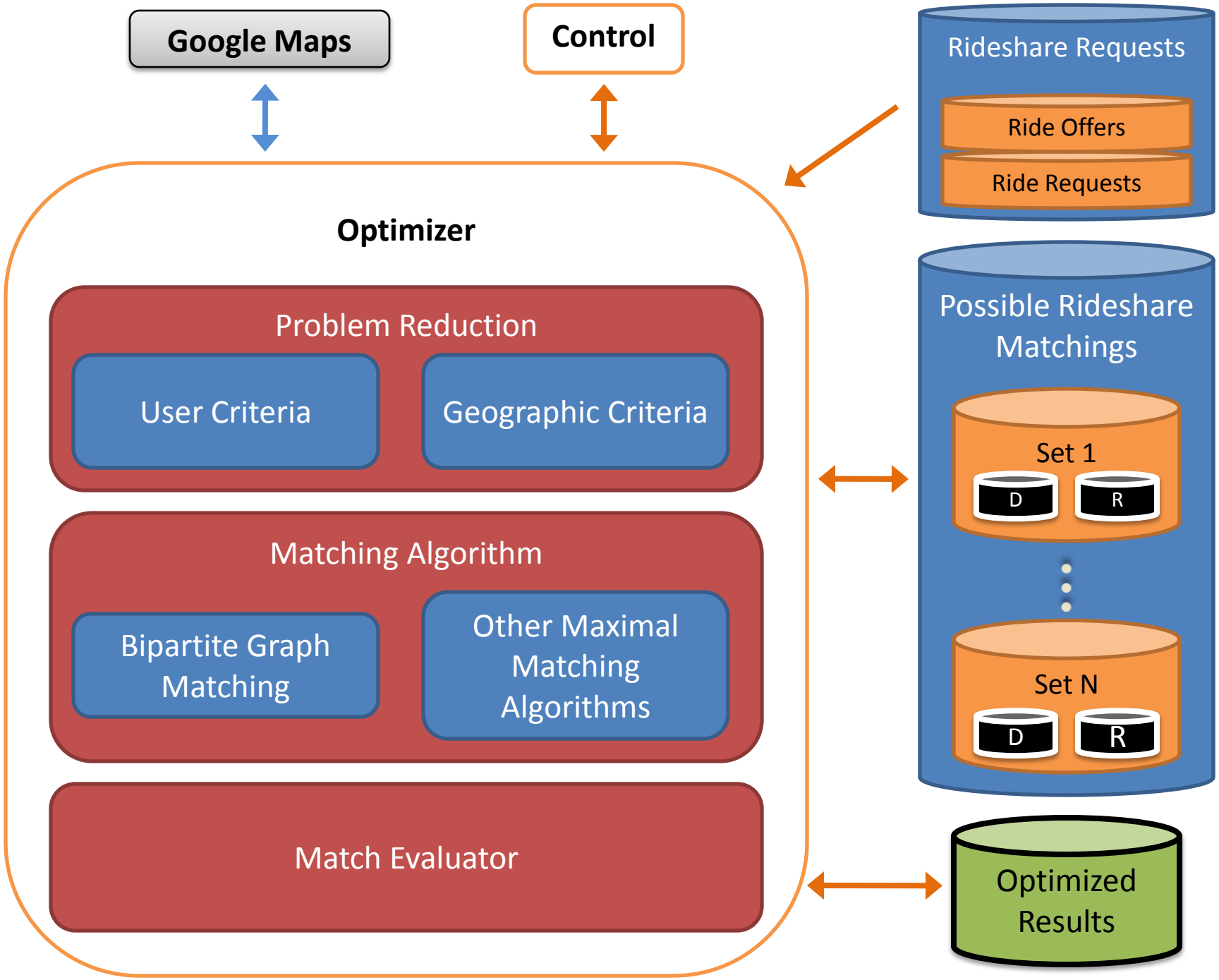
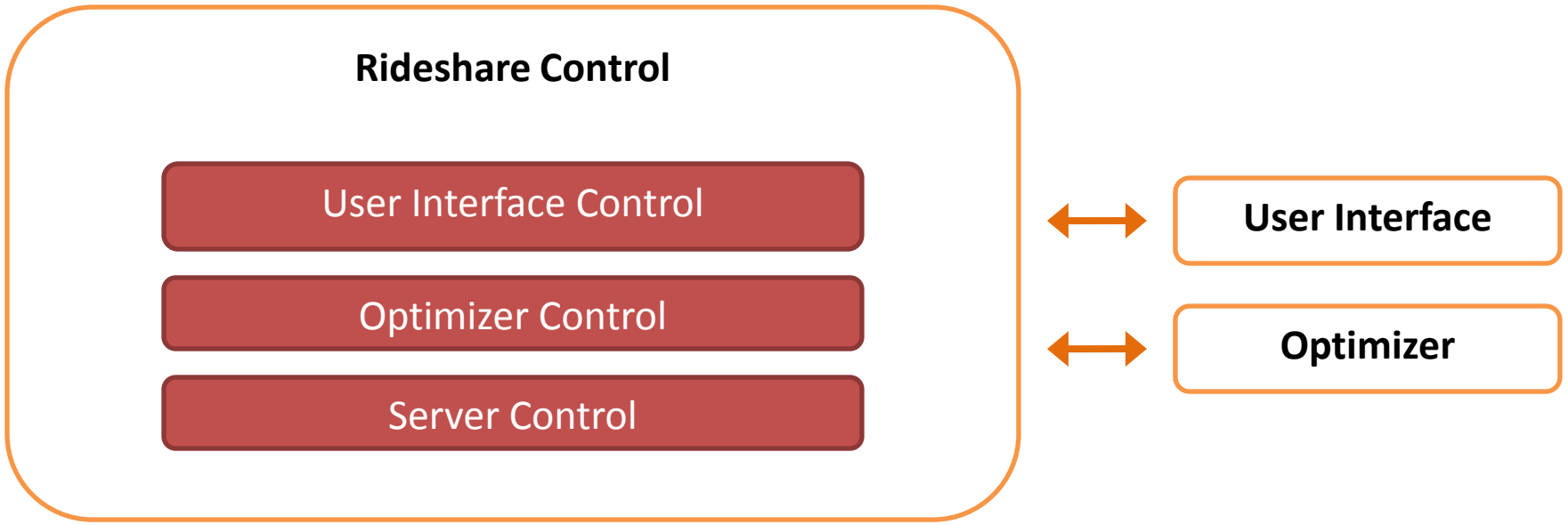
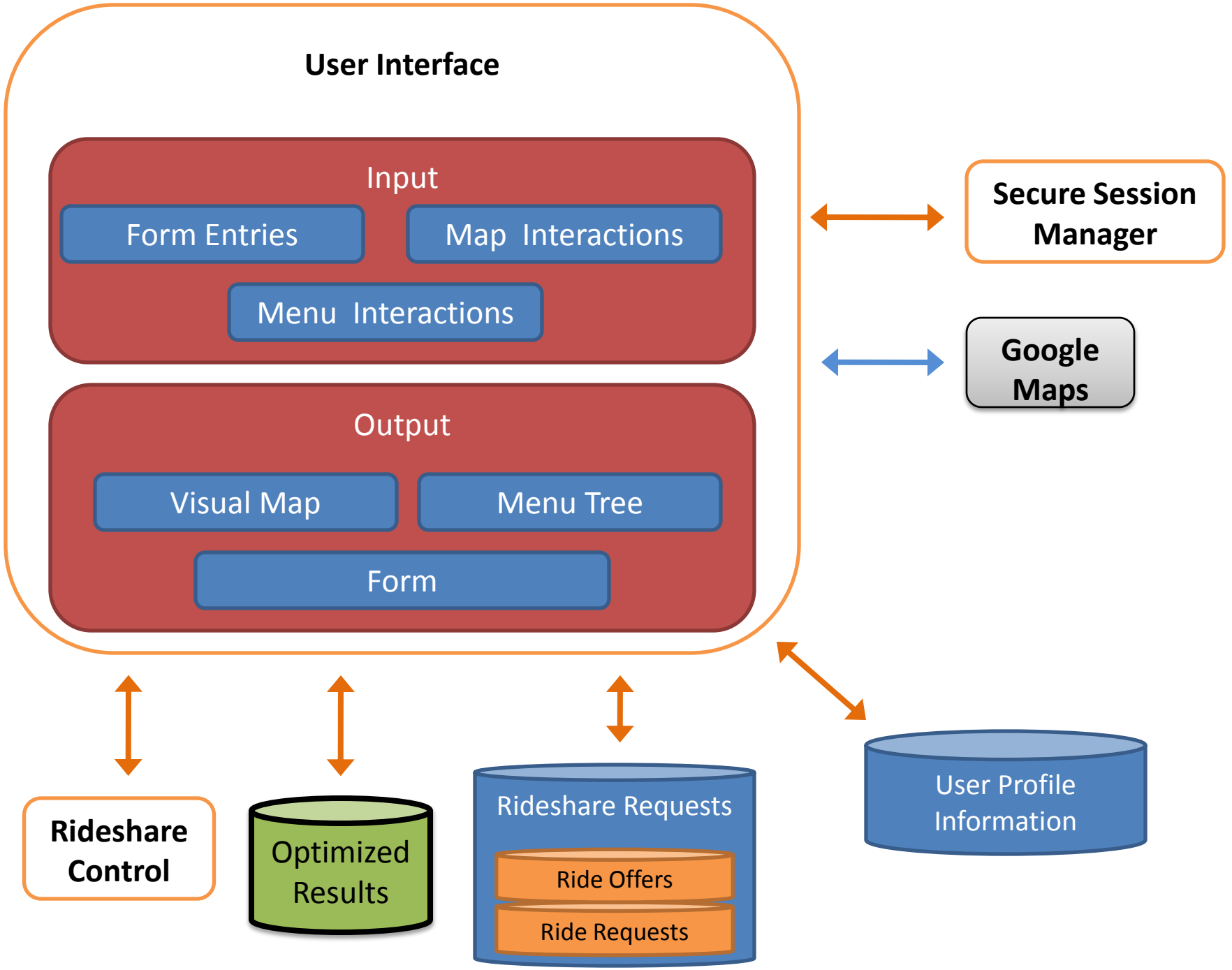
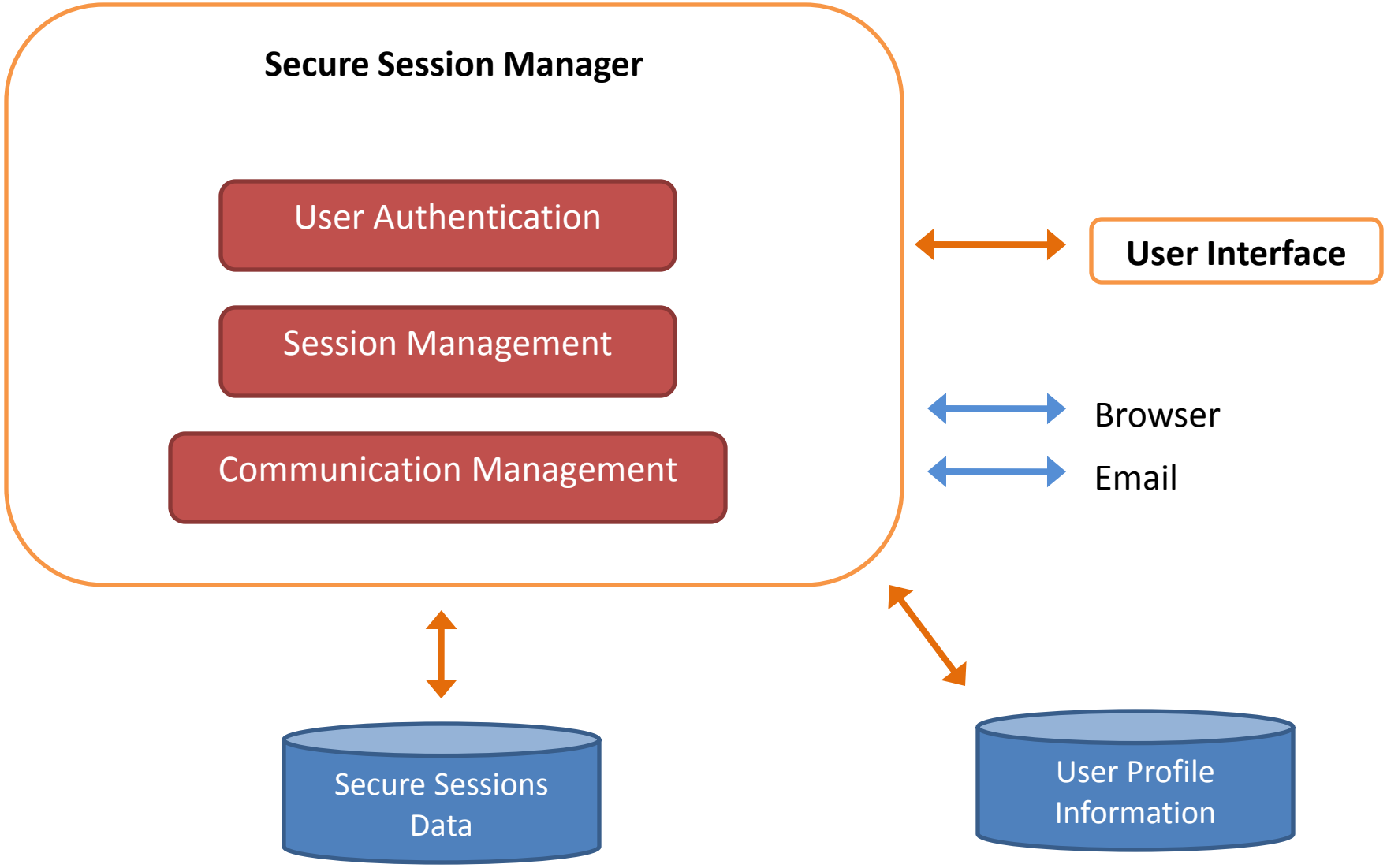
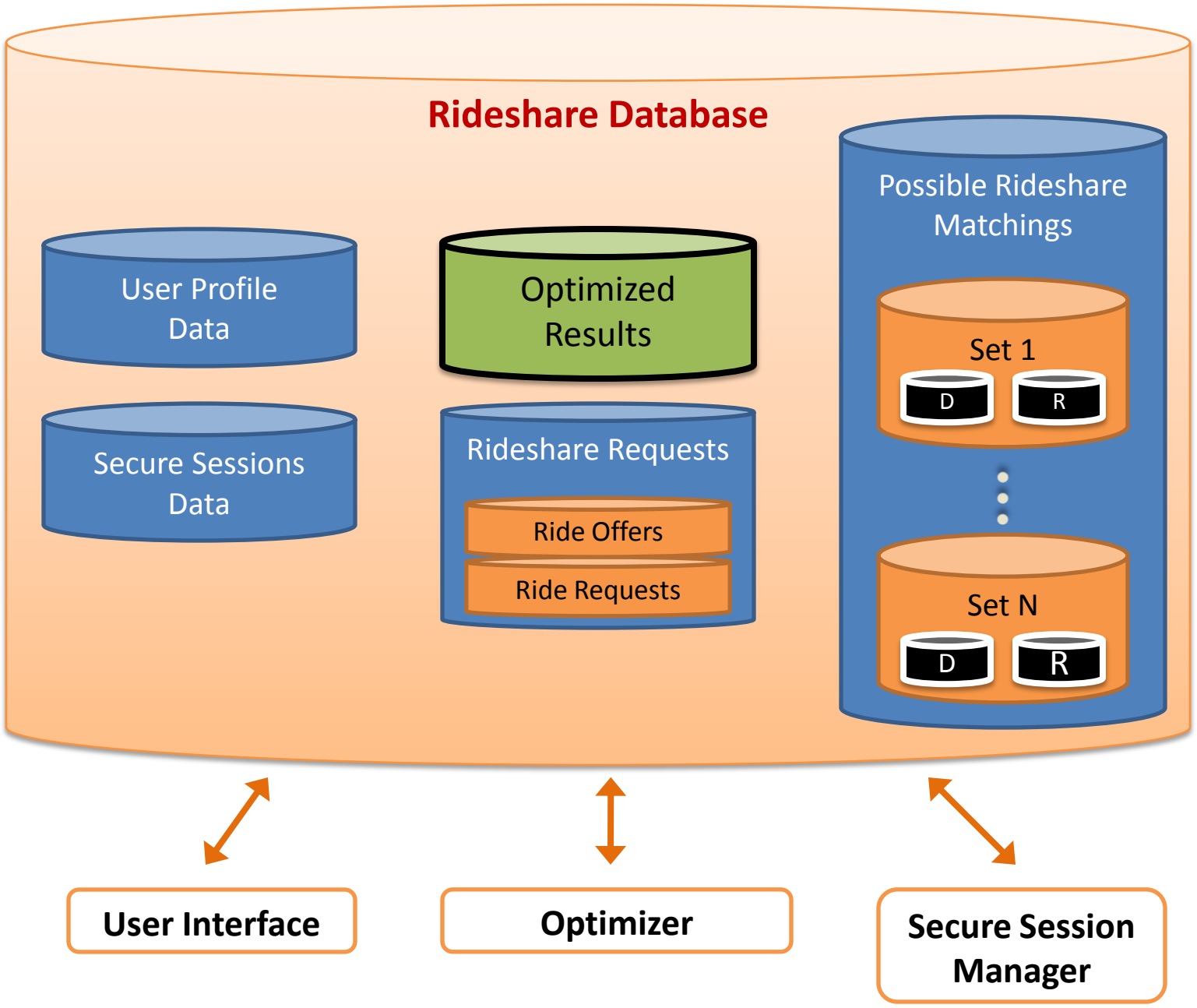

External
Internal
Testing
Rideshare Application
Rideshare Database
Optimizer
Testing Suite
Rideshare Control
User Interface
Secure Session Manager
Internet
Google Geocoder
Google Maps
Internet
Users


Google Maps
Control
Rideshare Requests
Ride Offers
Ride Requests
Optimizer
Problem Reduction
User Criteria
Geographic Criteria
Matching Algorithm
Bipartite Graph Matching
Other Maximal Matching Algorithms
Match Evaluator
Possible Rideshare Matchings
Set 1
D
R
Set N
D
R
Optimized Results

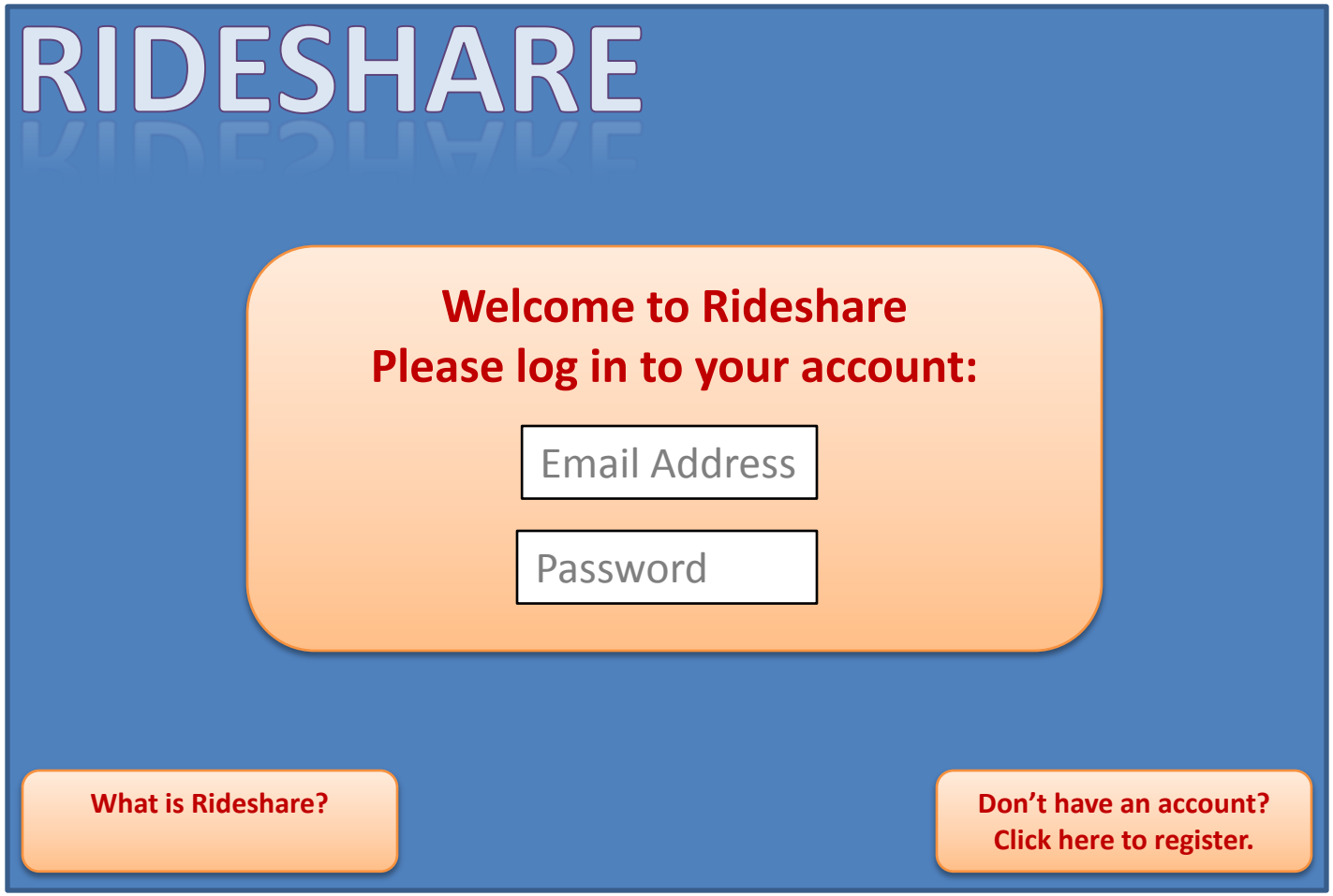

Rideshare Control
User Interface Control
Optimizer Control
Server Control
User Interface
Optimizer


User Interface
Input
Form Entries
Map Interactions
Menu Interactions
Output
Visual Map
Menu Tree
Form
Secure Session Manager
Google Maps
Rideshare Control
Optimized Results
Rideshare Requests
Ride Offers
Ride Requests
User Profile Information


Secure Session Manager
User Authentication
Session Management
Communication Management
User Interface
Browser
Email
Secure Sessions Data
User Profile Information


Rideshare Database
User Profile Data
Secure Sessions Data
Optimized Results
Rideshare Requests
Ride Offers
Ride Requests
Possible Rideshare Matchings
Set 1
D
R
Set N
D
R
User Interface
Optimizer
Secure Session Manager

Login Page


RIDESHARE
Welcome to Rideshare
Please log in to your account:
Email Address
Password
What is Rideshare?
Don't have an account?
Click here to register.

Ride Request Page

New Ride Request

Origin/destination

origin

destination

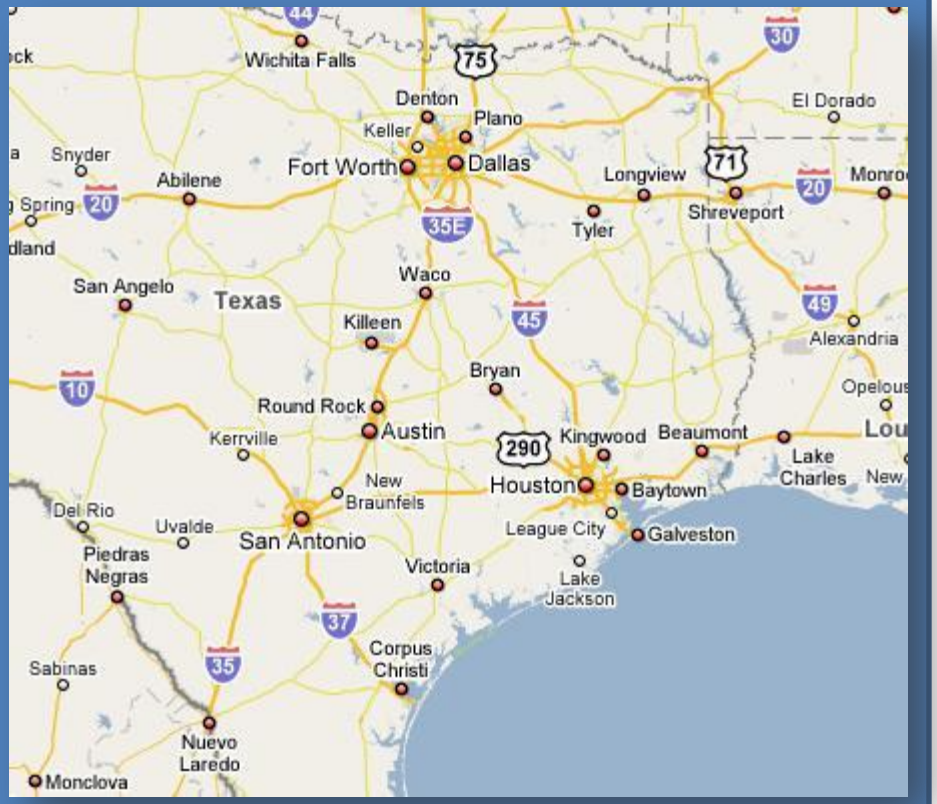
Time window

latest departure

latest arrival

Confirm

Advanced Options



Ride Request Page - Rider

New Ride Request

Riding Driving

Origin/destination

origin

destination

Time window

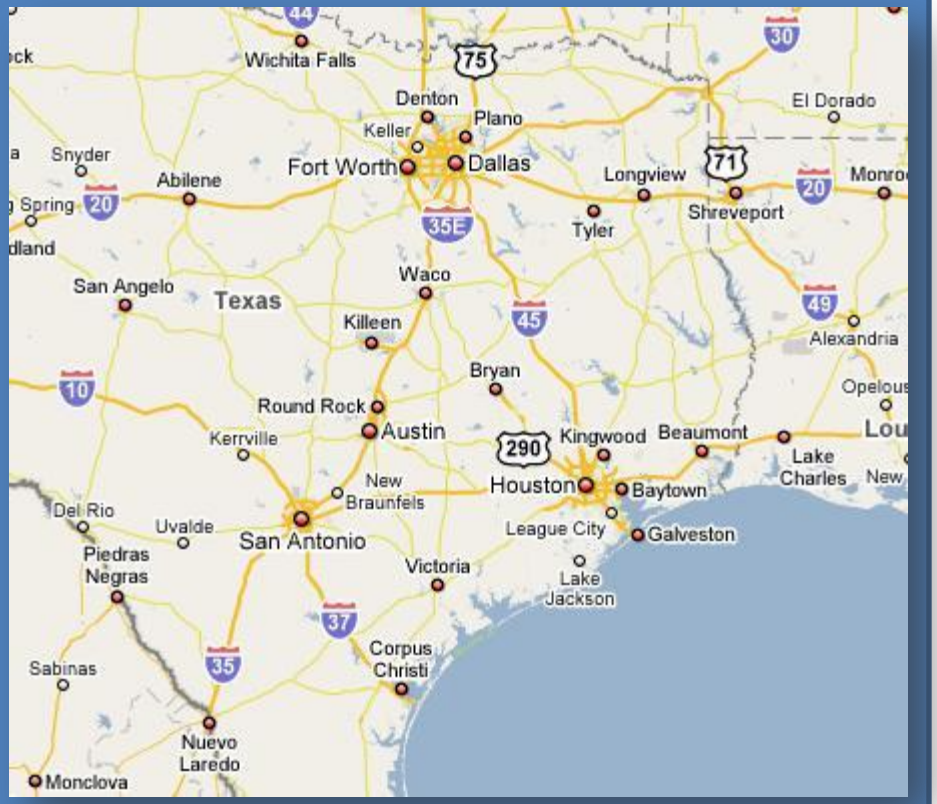
date

earliest departure

latest arrival

Confirm

Advanced Options



Ride Request Page - Rider

My Rides | My Profile | New Ride | My Friends | Main Page

New Ride

Riding Driving

Origin/destination

origin

destination

Time window

date

earliest departure

latest arrival

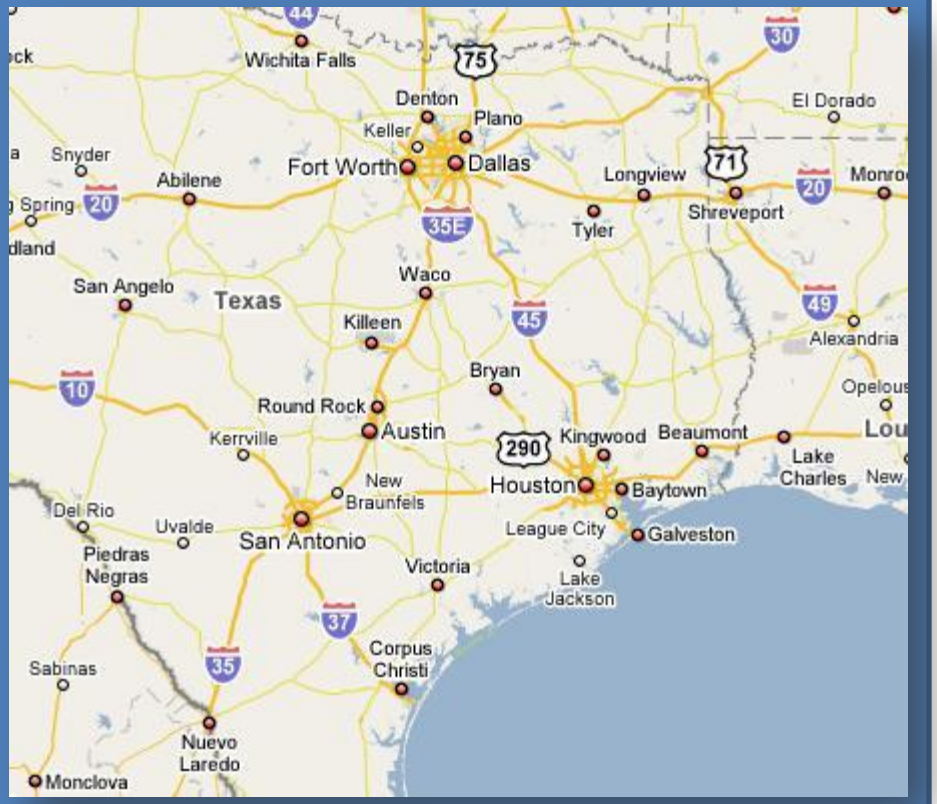
Confirm

Advanced Options

Gender preference

Age preference

Rating



Driver Options

Maximum Passengers

New Route

My Rides | My Profile | New Ride | My Friends | Main Page

New Route

Route Details

Time Window*

Start Location

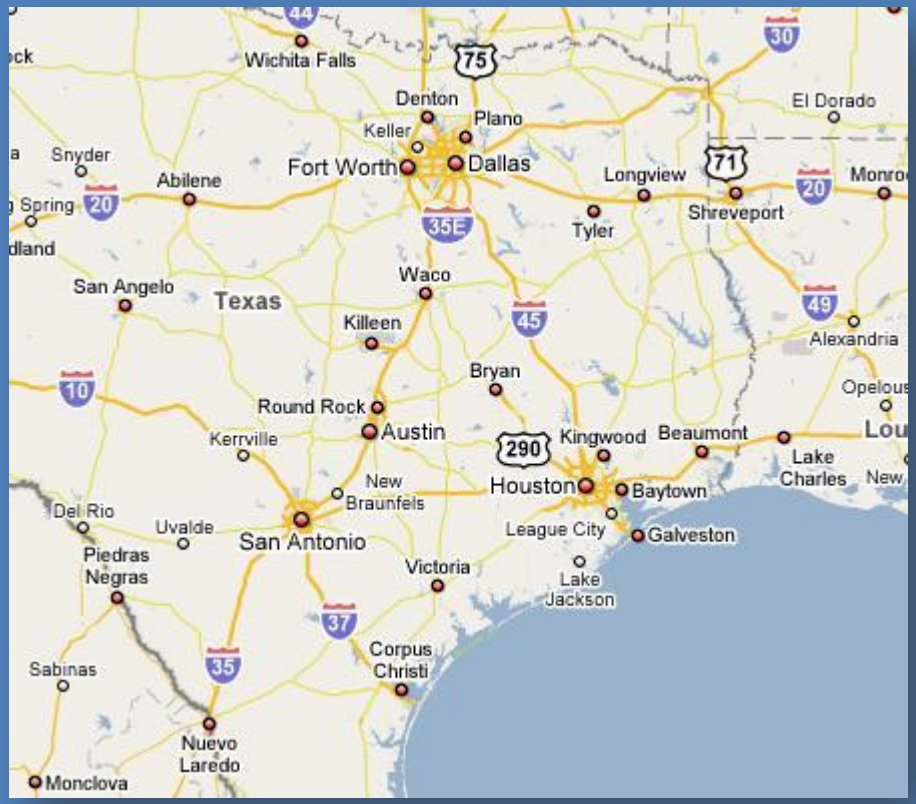
End Location

(Check One)

- I need a ride
- I am driving

Confirm

Advanced Options



New Route (Advanced Options)

My Rides | My Profile | New Ride | My Friends | Main Page

New Route

Route Details

Time Window*

Start Location

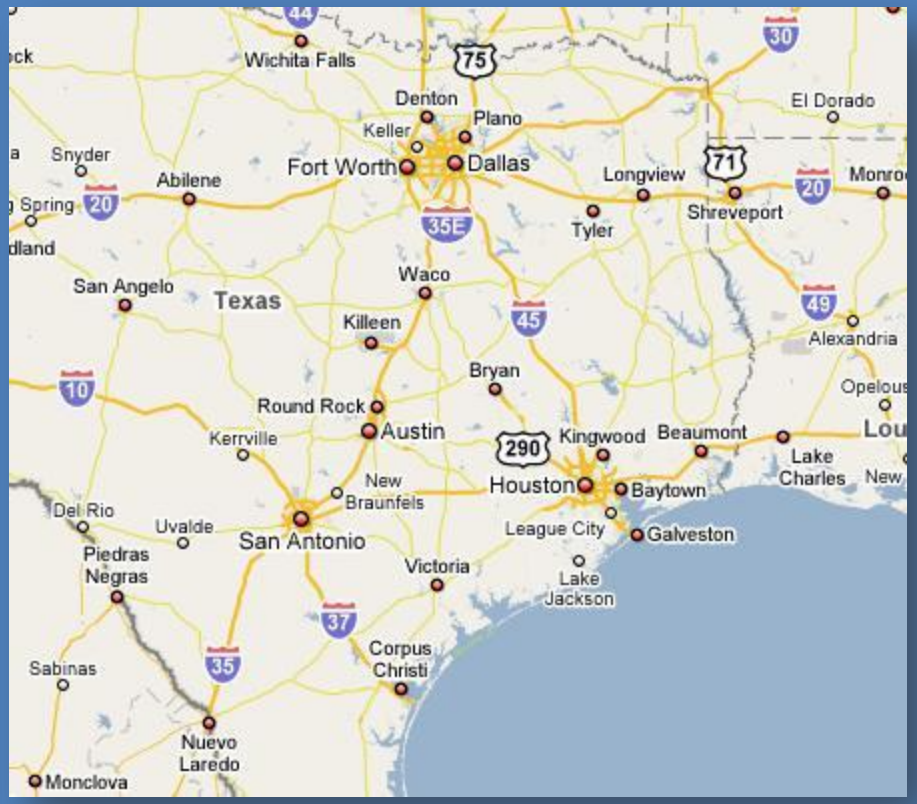
End Location

(Check One)

- I need a ride
- I am driving

Confirm

Advanced Options



Confirmation Request Page

Confirm Passenger

Passenger Details

Name, Rating

Pickup Location/Time

Drop off Location/Time

My Route Details

Start Location/Time

End Location/Time

Confirm

Reject