MeBus

Turn commute cars into streaming buses

Austin GigaTECHs App Competition
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What is MeBus

- A mobile rideshare app for daily commuters
- A streaming bus ride network using commuters' cars with available bus stations
- Guide drivers to move passengers between bus stations on their way to work or home
- Help passengers get ride from any bus stations any time

Current solutions for traffic

- *Road expansion*
  - *(forget this one)*
- *Subway*
  - *(not available in Austin)*
- Metro Bus
- Carpool Vanpool
- Uber Lyft likes
- Others (bike, walk)
- Work from home

Pro and Cons for current solutions

Pros

- Metro Bus
  - Capacity, Safety
- Carpool Vanpool
  - Capacity, comfort
- Uber Lyft likes
  - Convenient
- Others (bike, walk)
  - Green, exercise
- Work from home
  - Green, cost

Cons

- Metro Bus
  - Long wait time, limited routes, not convenient
- Carpool Vanpool
  - Fixed match up and time, flexibility issue
- Uber Lyft likes
  - Basically private Taxi services, no help for rush hours, cost
- Others (bike, walk), work from home
  - Not large scale and long term solutions

Why another rideshare app

- Daily commuters are taking more and more time in traffic
- Rideshare apps like Uber are good for dynamic requests, special events etc because they are basically taxi services
- They don't help commuters during rush hours, if not putting more cars on the road
- They are not designed for fixed route daily commuters

Why another rideshare app (cont.)

- Metro Bus should be the best choice if it's convenient enough
- Carpool is good solution but the problem is the fixed matchup and lack of flexibility
- What we need is a solution that maximizes each commuter's car capacity like carpool but flexible
- A solution reuses empty bus stations like fixed scheduled buses but convenient

How MeBus works

- User register with origin and destination addresses
- MeBus searches up all bus stations along the way
- MeBus matches up other users with same bus routes fully or most partially
- It keeps a list of users who could potentially be your drivers or passengers

- MeBus polls the users if they would like to drive in the morning
- It also gives the suggestion to ride based on how likely you can get one
- It shows real-time streaming bus nodes update with regards to your origin and destination over the map

How it works (cont.)

For Drivers

- Hit the DRIVE button in the morning
- Listen to MeBus notification for which bus station(s) to go for pickup along the way
- Load on and off passengers from and to their stations
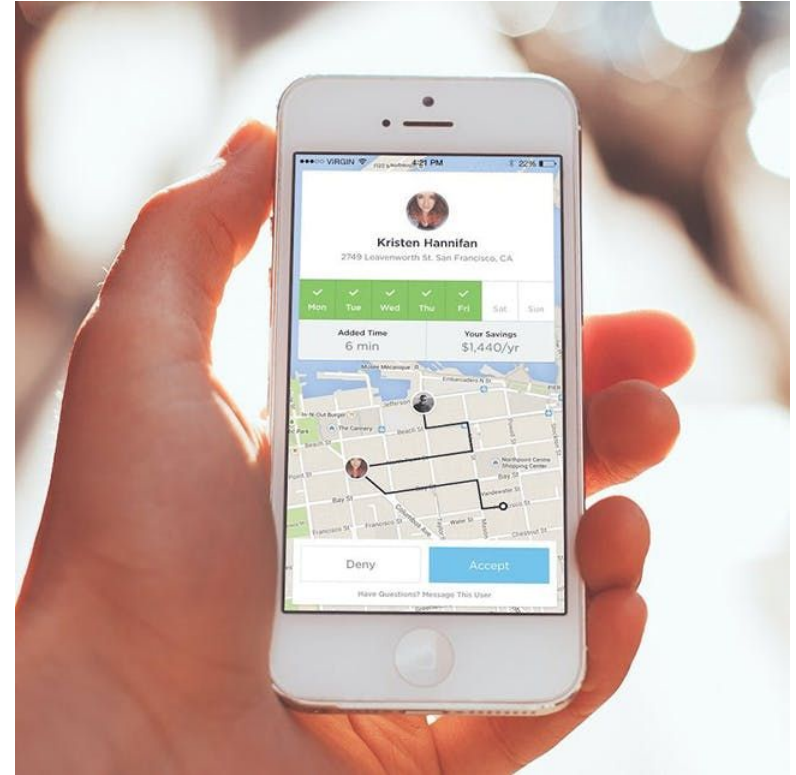- Earn one *MeBus Pass* for each passenger

For Passengers

- Hit the RIDE button, walk, bike or ride to the nearest bus station
- Watch MeBus streaming nodes update and wait for next ride
- Use the same daily *MeBus Pass* to get ride to next relay stop
- Do it over until it reaches the nearest bus station from your destination

What difference it makes

- Maximize each commuter car to its designed capacity
- Reduce total cars on road during rush hours greatly
- Reuse the most emptied bus stations
- Highly effective nonstop in and out MeBus stream
- Simple and elegant *MeBus Pass* ride fare for no money solution
- Encourage greater amount of commuters to share the road

MeBus - Ride Together