**Bus As A Service  
Baas**

Why to let anyone decide your destination? Or take you to the nearest place on their way then you continue your journey?   
With Bus As A Service you will decide your destination with respect of keeping the cost same as it is for a bus drive.

* **Statement of the problem**

If you have a trip for a place far from you, you will have 3 choices :  
1)Use the public transportation which will lead you spending a lot of effort – changing from one vehicle to another – keeping in mind that there is no time restriction .  
2)Use transportation app – if it is not a private drive – then it will not drive you to your destination – most of time - but to the nearest point to your destination that lies in their way .  
3)Use Baas and decide your destination and arrival time.

* **Objectives**
* Reviving the means of transportation.
* Provide the passenger with a service that saves his time and his effort with respect to the passenger comfort.
* Provide any institute with a service to maintain and improve their system by making the institute reachable in the preferred time – for their people whether employees, visitors or any kind of people want to reach this place (institute( in a specified time – by organizing trips to these institutes where all the details are determined by this institute through the BaaS application.

**Initial Project Features**

1. Each user will have an account to login to access the system services and can update his profile information.
2. Each user can make a complaints about any problem he faced in the system.
3. Each route contains many trips and each trip contains one bus and each bus has a driver and a group of passengers.
4. Organization can create new routes and enter the stops of this route.
5. Organization can choose a specific route and create a trip that will pass through this route.
6. Organization can make accounts for its passengers (members).
7. Organization can view all passengers and choose one of them to suspend, activate or delete its account.
8. Organization can view all trips, filter them and choose one of them, then it can show its information and can delete the trip.
9. When the organization pay for the trip, a driver will be assigned to the trip.
10. Passenger can show all trips in his organization, filter them and join any trip.
11. Passenger can cancel his booking for a trip.
12. Driver can show all his trips and know his bus id information and location map.
13. Driver can send an excuse to the system from a trip.
14. The system admin will handle all the complaints and respond to the drivers’ excuses.
15. The admin can create, delete and suspend users’ accounts.
16. The admin can change the driver for any bus in a trip and verify the trip.