**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**

* Each organization has the right to choose the number of buses and itineraries of its own during a certain period of the day or over the course of days, weeks or months and may extend for years.
* The project presents suggestions to the organization to choose the beginning of the itinerary, while specifying the destination to stop at.
* Each organization has its own page to manage the service provided to it by the project and to determine the arrival times of its buses to the destination specified by it.
* Each member of the organization has a username and password to access the page of his organization.
* Each member of the organization has the right to choose the appropriate itinerary for him and to determine the station near it from the beginning of the itinerary to its end and to choose the appropriate time for him within the itineraries and dates offered by the organization.
* Any user can request a drive for a specific place and when the number of requests for that place reaches a certain limit a bus will be assigned for that place and the users will be notified.
* Each organization has a page for complaints and requests.
* Each bus has a driver with a map of his itinerary from the beginning to the destination and the stations at which he will stop for the boarding of the members.
* The project has the driver's name, photo, phone number, national ID card and driver's license.
* The money collection feature is an optional feature for the organization you wish to have it activated.
* After booking the ticket, the customer will be shown his otp, driver's photo and bus number.
* Collecting money is done through a machine next to the driver equipped with the feature of entering the member's otp to get a ticket from the machine with the cost.
* When the number of members is completed on a specific date for a specific itinerary, the date is withdrawn from the timetable allocated to it, and this depends on the number of buses that support the same itinerary and the timing of the reservation.