

# i-Ticket

AI driven company that provide seamless ticketing between customers and service providers. We avoid all the last minute hassles by giving the option of stress free ticketing from the comfort of your mobile phone.

For the service we get 5% commission.

We work in hand with manual booking.

We are a group of young, Ethiopian entrepreneurs who found satisfaction in solving problems.

## Components

### Customer

- Use their phone to browse available slots
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### Company

- Can be
  - Entertainment
    - Cinema
    -
  - transportation,
    - long distance buses
    - religious travelers
  - event provider
    -
- Provide number of available slots
- 

### Us

- Provides system
  - PWA
  -

i-Ticket for long distance buses

Three components

1.Long distance bus company

- Use our PWA to provide information
  - Real-time opening slots
    - Critical: mandatorily update system when manual ticketing is performed
    - f
  - Schedule
  - Company name,
  - contact numbers(multiple incase one doesn't work)
  - Price,
  - Others(extras)... waters, food, seat numbers and positions
  - Travel duration(Estimated),
  - route(incase multiple routes are possible for one destination)
  -

2.Customer

- Use our PWA to Provide info
  - Name
  - Upload id/national id
  - Contact number
  - Where and when to travel
  - Next of kin
  - Special need
    - Wheelchair
    -

3.Us(i-Ticket)

- Provide
  - PWA
  - System supports both online and manual ticketing
  - System mandatorily notify company when slots are about to be full, when 10% slots remain.
    - This is the crucial part. Incase manual ticketing already have customers lined up, so that overbooking is avoided

- System notifies company slots are about to be full and stops booking, unless company admin allow it after the notification.
    - Message: bus available slots are about to be full and online ticketing is halted. Do you want me to continue? Y/N?
    - Admin has the option to say Y/N... and logs are also recorded incase of disputes.
  - System supports multiple ticketing by a single person and max at 5 tickets.  
One must not buy all the tickets
  - Provide instant sms and email once payment is done
  - Payment is mainly using TeleBirr
  - We get 5% commissions from each ticket
  - System is always connected to the providers DB and/or manual ticketing system...always(critical)
  - QR after payment
    - The QR is the ticket the passenger uses while traveling
    - It should show code next to the QR, incase scanning doesn't work.
    - It should also be in high-res to be scanned without difficulty

## Workflow

1. Customer, using our app/PWA search for available trips he needs
  - Once a customer inputs destination, date and starting point
    - He can see available slots from different companies(many companies may provide same trip parameters)
      - Major companies in Ethiopia include
        - Abbay Bus
        - Awash bus
        - Ghion Bus
        - Selam bus
        - Sky bus
      - Price shows
      - How many remaining slots available
      - Car types (grades )
      - 
      -
2. Our system shows the availability of slot based on the parameters the customer inputs

3. Once found the slot the customer needs, he then
  - Inputs mandatory info... id, contact, name...etc
  - pays through telebirr (our commission included at the end)
  - Our
4. Automatic sms and a QR code through the app is delivered
5. Passenger use the QR to verify while traveling.

Design a ticketing system that supports the three components. Make it beautiful.