Delivery Tracker Android Application Scope

Purpose: To ensure that orders are delivered correctly by the Delivery boy

Deployment: Delivery Boy Android Application that will run on mobile & Admin Dashboard that will allow management of deliveries.

Database Structure

1. ID – Autogenerated - INT
2. Order ID – Entered Manually by Admin - VARCHAR
3. Order Date – Entered Manually by Admin - DATE
4. Delivery Date and Time – Entered Manually by Admin - TIMESTAMP
5. Customer Name - Entered Manually by Admin - VARCHAR
6. Customer Address - Entered Manually by Admin - VARCHAR
7. Customer LatLong – Use Google Maps script to generate from address – COORDINATES / VARCHAR
8. Delivery Status – Drop Down (Pending / Delivery in Progress / Delivered) – From App
9. Delivery Executive Name – Generated from App’s User Name – VARCHAR
10. Delivery Date & Time – Generated from Phone Date and Time – TimeStamp
11. Delivery Executive Location at Time of Delivery – Generated from Phone’s Date and Time – Coordinates/Varchar
12. Distance Between Locations – Item no. 7 minus Item no. 10 (Google Maps)

Separate Table for Username and PIN

Dashboard – Show all the above in Table Format

Web App / Android App

1. Login Screen (Username and pin from database table)
2. Show list of pending deliveries
3. Delivery executive clicks “Accept” on one or multiple orders
4. Clicks Next
5. Show list of only Accepted Oders
6. Once order is delivered, executive clicks “Delivered”button
7. App records current coordinates and datetime and writes to DB Table next to correspondoing order ID
8. Repeat till all “Accepted” deliveries are completed.
9. Show Home Page with pending deliveries alone.
10. Repeat.