SCHOOL OF ELECTRICAL & INFORMATION ENGINEERING, UNIVERSITY OF THE WITWATERSRAND, PRIVATE BAG 3, 2050, JOHANNESBURG, SOUTH AFRICA

PROJECT CHART

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1 PROBLEM STATEMENT

Courier JZ currently uses an inefficient, time consuming, tedious system which is not centralised or automated to manage their fleet of delivery and pick-up vehicles.

2 PROJECT OBJECTIVES

- To design, implement and test a web-based management system for a fleet of delivery and pick-up vehicles

- The website must serves as a platform to integrate the various activities of the personnel involved in the day to day running of the business

- The website must automate previously time-consuming activities resulting in a more efficient company.

- The website must act as a repository to store all the data associated with the business activities.

3 STAKEHOLDERS

- Four software developers

- Driver

- CEO

- Clients

- Operational officer

- Fleet assignment manager

- Vehicle maintenance manager

- System administrator

- Account officer

4 PROJECT DELIVERABLES

- Tracking of parcels

- Tracking of vehicles

- Determine shortest distance route

- Determine the vehicle certain packages go into

- Allow a driver to choose a vehicle and a route

- Determine date and time of package pickup

- Determine date and time of delivery

- Store payment information

- Store client details

- Package storage and package identification

- Send automated email notifications to clients

- Inventory management