

# ONE PAGE BUSINESS CASE

DATE	09/04/24
SUBMITTED BY	Group 5
TITLE / ROLE	-

## THE PROJECT

In bullet points, describe the problem this project aims to solve or the opportunity it aims to develop.

- The fleet of delivery vehicles is being poorly utilised
- Delays in deliveries
- Mismanagement of drivers

## THE HISTORY

In bullet points, describe the current situation.

- Delivery vehicles follow a set route everyday
- Packages are not distributed evenly between vehicles
- Deliveries are processed by a single warehouse
- Drivers arriving at work with no work

## LIMITATIONS

List what could prevent the success of the project, such as the need for expensive equipment, bad weather, lack of special training, etc.

- Route finding algorithms are hard
- Bad weather makes delivery times inconsistent
- Delivery vehicle breaking down - limiting the available fleet
- Employees must be trained to use new software

## APPROACH

List what is needed to complete the project.

- Create an application for managing fleets and delivery routes
- Dynamically calculate routes based on delivery destinations and available vehicles
- Accommodate potential for new warehouses
- Account for capacity of the vehicles

## BENEFITS

In bullet points, list the benefits that this project will bring to the organisation.

- Reduced delivery times
- Drivers can use their time more effectively
- Company saves money on fuel and reduces carbon emissions
- Greater customer satisfaction and therefore customer retention
- Less manual admin work for staff