**Project Synopsis/Project Concept Document**

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| Project number | 58 |
| Project Title | Delivery Cost & Time optimization for Packaged Drinking Water Supplier |
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**Description**

We aim to build an advanced Enterprise Resource Planning solution for Packaged Drinking Water Suppliers. An integral part of it , there is a need to track and evaluate multiple real time variables , focusing on providing decision makers (i.e the supervisors and managers) all the information required to make educated decisions without requirement of communicating with on field agents based on available vehicles, live location of each vehicle, number of cans available in each vehicle, customer category and the urgency of delivery, in a time effective way.

**Profile of Users**

Users of the platform include:

1. **Supervisor**

Supervisor will use the application to:

● Assign tasks to delivery agents

● Track and note the progress of the agents

● Check the net affect on stock and number of cans in circulation due to each delivery

● Track the various stages in the process for each delivery

Familiarity with such technology is assumed to be **medium-high** for these users.

2. **Delivery Agents**

Delivery Agents will use the application to:

● Get route guidance to their next delivery point

● Log the number of filled water cans delivered to the customer

● Log the number of empty water cans returned by the customer

Familiarity with such technology is assumed to be **low** for these users.