RAVE Presentation

**TOWN OF EDEN BAY**

Our project we did and continued from 423 is the Town of Eden Bay.

**INTRODUCTION**

The Town of Eden Bay’s maintenance department needs a new system to:

* Track its expenses
* Collect information – for example: car mileage, vin, year, maintenance done, maintenance needed, etc.
* Prevent the maintenance department from forecasting future costs
* Have the mechanic use the same labor codes to prevent confusion

**RAVE**

Our proposal to improve the maintenance department is to create a new information system that will assist expenses, scheduling and scheduling routine maintenance, identifying candidate vehicles for replacement, and having labor codes implemented within the system so previous work completed on vehicles by different mechanics will not cause confusion because for example: someone might think of one labor as something else, and record it differently. Having a new information system will allow the mechanics to work faster and more efficient and less errors with RAVE. Having RAVE implemented will also allow the department to create reports within every department to track budgets and future costs within each department. These reports will be able to be printed off to help extract data.

**RAVE CONSTRUCTION**

We decided to base the information system off of the use case diagram we created in 423.

* RAVE would have three main modules:
  + Schedule maintenance
  + Edit Fleet
  + Analyze costs

**MAIN MODULES**

For presentation and usability on the finished product we decided to split the main modules into four, which we will see shortly when we demonstrate the information system:

* Fleet information
* Maintenance information
* Schedule information
* Analyze costs

**FLEET INFORMATION**

Fleet information consists of:

* Edit fleet
* View fleet
* Weekly check-in

Edit fleet has 3 main options:

* Add a vehicle
* Edit an existing vehicle
* Remove a vehicle

These sub modules allow you to add or edit a vehicle’s id, department name, make, model, year, etc., or view the vehicles. Remove a vehicle allows you to delete a vehicle from the database by just adding the vehicle’s id.

Weekly check-in allows you to ……………. Explain all sub modules and what they do……………..

**MAINTENANCE INFORMATION**

Maintenance information consists of:

* Edit maintenance
* View maintenance

Edit maintenance allows you to create a maintenance appointment, edit an existing maintenance, or remove an appointment.

………..explain functionality of each……..

**SCHEDULE INFORMATION**

Schedule information consists of:

* Edit Schedule
* View Schedule

……….explain schedule information and all sub modules and their functionalities………….

**ANALYZE COSTS**

Analyze costs consists of:

* Vehicles reports
* Department Reports
* Maintenance Reports

**OTHER MODULES**

The rest of the modules we created were not main modules, but were necessary for presentation and usability. These modules are:

* Login
* Administrative Tasks
* Help

…………..Demonstrate and play around with website………….