ClubUML Service Pack (SP) 2

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1 LEGACY APPLICATION

The current ClubUML tool provides the capability to the user (software developers and architects) the ability to view and merge UML diagrams. This provides software projects the ability to merge different parts of the system that are large projects. The ability for multiple architects working on different subsystems and then the ability to merge, provides less risk and time into software projects.

The web-based applications provides these tools the user while interfacing against a back end service and database. The business process ClubUML goes under is all taken place on the server side. This allows access from any system utilizing this thin-client configuration.

1.1 Extension

ClubUML is under a maintenance/sustainment part of the project, which the application already exists/deployed. This allows the ability to fix bugs or bring in new features. The Extension effort will need to be low cost and effort in order to be completed during the next 4 month sustainment period.

1.1.1 Bug Fixes

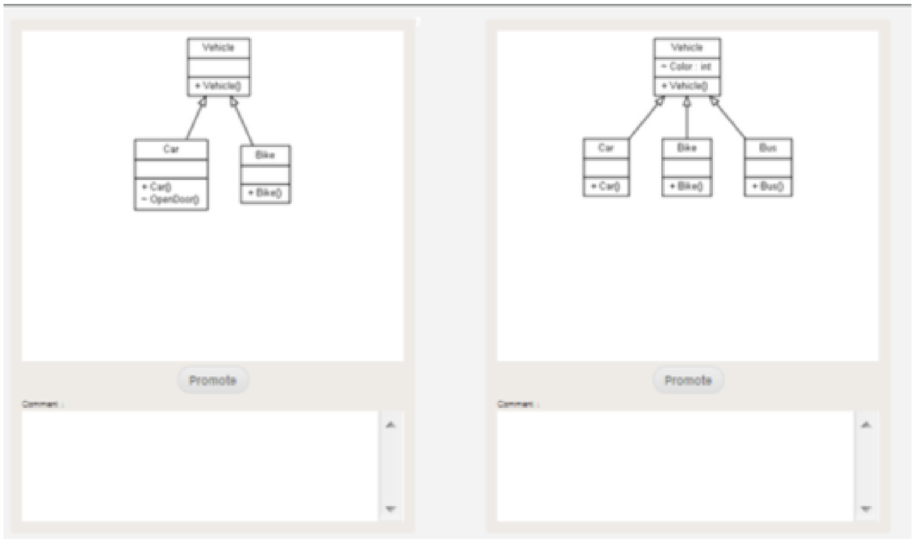
Several Bugs have already been identified by the team and will be tracked by the Bug management system. The team will prioritize the bugs found and will confirm with leadership the direction of which bugs will be fixed. Some examples of the bugs that have been identified include:

- Error 404 problems
- Hardcoded code
- Stovepipe implementations

1.1.2 Java Export

A User desired capability from senior engineers at The MITRE Corporation is to export the UML diagram into Java code. This is allow software engineers to save time and cost in software development projects.

Code today is being implemented by auto-generation products, such as Swing within Development Environments. The ability for time to be cut in development, will allow lower cost to the customers.



```
import com.lauchenauer.istockhelper.
  public class AboutDialog extends JDia
    protected CardLayout mLayout;
    protected JButton mCredits;
    protected JPanel mMainPanel;

    public AboutDialog(JFrame owner) {
      super(owner);
      setModal(true);
      setUndecorated(true);

      initUI();
    }

  protected void initUI() {
    setSize(440, 600);

    Container cont = getCon
```