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CSYE7945 – Software Engineering Project
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Project Extensions Ideas

Use case name: Fix outstanding bugs / Better User experience
Participating Actor: APP User
- Crashes should be more descriptive with both easy for a user to interpret as well as a developer.

Use case name: Adding Posts / Messages
Participating Actor: APP User
Entry Condition: Project and UML diagram selected.
- UML Diagram is chosen to be viewed
- While viewing, have the option to add an overall comment, or post a comment to a particular area of the diagram, or even post a comment in response to another user's comment
- (i.e. similar to FaceBook tagging where you can select a face, you could select a piece or segment)
- Comments exist for promoting a diagram but nothing to inspire a discussion about diagrams
Exit Condition: User submits comment and comments are saved for others to view.

Use case name: Auto Generated Emails on Uploads
Participating Actor: Program
Entry Condition: Project has been selected by a user.
- A user uploads a diagram to a project and upon it's submission the program notifies all the users of the project a new diagram as been uploaded.
Exit Condition: Upload is completed successfully

Use case name: Adding Additional Support for State Machine diagrams
Participating Actor: APP User
Entry Condition: Project selected.
- A user uploads a State Machine diagram and a state machine diagram is interpreted
- Policies and Metrics calculation can be performed on State Machine Diagrams
- Along with State Machine diagrams can be merged / compared.
Exit Condition: User submits State Machine diagrams.

Use case name: Add Estimation Calculator for a Particular
Participating Actor: APP User
- have program a calculator that takes in various inputs feed in by the user
- given values estimate various aspects of the project. Staff, Development time, etc.