**Display Diagram Use Case**

**1. Brief Description**

This use case describes how the app display diagrams to the user.

**2. Actors**

**2.1 User**

**3. Preconditions**

The user has successfully logged in to the app.

The user is involved in the only project by default.

The project must contain at least one diagram.

**4. Basic Flow of Events**

1. The app shows a 'Diagram List'.
2. The user clicks one diagram from that list.
3. The app retrieves the path of png. file related to this diagram from Database.
4. The app finds the file on server according to the path.
5. The app displays the Diagram to the user.
6. The use case ends in successful completion.

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**5. Alternative Flows**

**5.1 No diagram assigned to the project.**

During 4.2, if the project has no diagram, then

1. The user will see an empty 'Diagram List'.
2. The app prompts the user to upload a diagram first.
3. The use case will end in failure condition.

**5.2 The app fails to display the selected diagram**

If in basic step 5, the app fails to display the selected diagram:

1. The user refreshes the webpage or selects another diagram.
2. If the problem remains, the use case will end in failure condition and the user would start over the procedure.

**6. Key Scenarios**

**6.1 No Response from the app**

**7. Post-conditions**

**7.1 Successful Completion**

The user sees the selected diagram.

**7.2 Failure Condition**

The app fails to display the diagram.

**8. Special Requirements**

If the selected diagram has comments, the app should display comments as well.

The app should also display the information of the version and uploaded time.