This assignment will challenge you to apply your knowledge of object-oriented design to produce a UML state diagram from a given code base.

Review criteria	**less**

You will be graded on the completeness, clarity, and readability of your submitted UML state diagram.

Step-By-Step Assignment Instructions	**less**

Setup instructions

Download, examine and run the code base provided. This is the same code base that you used in the previous Peer Review assignment:

> SharingApp_items_only.zip

You will be expected to upload a PDF of your diagram. A free online tool you may use to make your diagram is [Lucidchart](#).

Guidelines for the assignment

Review this lecture to aid you on your assignment:

Review Lecture: 1.3.7 – UML State Diagram

How to create your assignment

Review the code responsible for adding a new item and editing an existing item.

Remember that an item can either be "Available" or "Borrowed" and can either have an image attached or not.

In this assignment you are to make a state diagram that captures the four possible states of an item.

- Available without photo
- Available with photo
- Borrowed without photo
- Borrowed with photo

Include arrows to indicate transitions between the states and label these transitions accordingly. And, remember to include the terminal state and to indicate the starting state.