Project proposal and draft object model

You will spend a big part of the course designing a complete model for an interesting business problem related to your major, and (ideally) that will solve some needs for a real business. You will form a group and assign roles to each team member (team lead, design lead, programming guru, tester, security expert, etc.) You can come up with roles as you feel appropriate for your group.

For this deliverable, you only need to write a one-page (min 250 words) description of what you are planning to do. Feel free to give a basic idea and expand the features and requirements using bullet points. You should also give your project a title, your team a name, and list all your team members and their roles (note that these do not count towards the 250-word limit, and also, feel free to use more than 250 words or 1 page if your project requires it).

Finally, start working on a draft UML diagram for your project and include it in your proposal - follow the concepts around UML discussed in class and incorporate all objects, attributes,  methods, inheritance any concepts around aggregation and other forms of relationships between objects. You can copy and paste the diagram in your proposal document.

While not part of the requirements for the proposal, I strongly recommend creating a shared github repository for your project. You will be using the github repository to share code, documentation and any other items you need for the project. If you are using Lucidchart, you can also create shared class diagrams (but make sure as you complete different milestones of your diagram, export a PDF and put it in the repository).