

**System requirements (10 pts, due Oct. 9, 2021 @ 11:55pm)**

Submit the following system requirements document (*PDF with a UML use case diagram, no page limit*):

- Begin with a narrative that provides a high-level overview of the system's *functional requirements*. Provide a single large [use case diagram](#) illustrating the system's overall functionality. Describe each use case using simple natural language. **(2 pts)**
- Utilising the use case diagram as a starting point, convert each use case into a [user story](#). Make a numbered list of your user stories. **(2 pts)**

The following is an example of a user story format: As a *user role*, I want a *goal* so that *reason*:

- ✓ The *user role* represents an actor or developer who gains from this story.
- ✓ The story's *goal* is to highlight a feature or function in the system, a tool, or a component of a production pipeline.
- ✓ When this feature or function is used, the *reason* describes the benefit to the customer or user.
- Provide a set of *pre* and *post*-conditions (*refer to each corresponding user story by their numbers*) for each user role. **Note:** list *pre* and *post*-conditions under the related user story. **Note:** In your document, there should be a single list of user stories. **(2 pts)**
- Are there any user stories too big or complex (*these are usually referred to as 'epics'*)? Can any of them be broken down into smaller user stories? Mention whether or not each user story needs to be broken down. (this will be done later) **(1 pt)**
- Provide a separate list of any relevant *non-functional* requirements. **(1 pt)**
- Include a glossary with definitions for all relevant terms that may have a special meaning in the system's context. **(2 pts)**