

IDSE 201  
Assignment 1:  
**Use Cases**  
Due 11/8

**Description:** Clear definition of your product and how it will be used will serve as the foundation for targeted and productive rapid visualization exercises. Use cases describe the key interactions users will have with your product, with focus on their goals and how what your product does to support these goals.

**Scope**

Base all of your work on the topic of your current project; use your evolving research and thoughts from the project class to drive this work.

**Create use cases for the topic:**

1. Define your primary & secondary users. For each user, make a list of their goals relative to your product.
2. Identify & document primary use cases through the product (may be from different user perspectives). Your product should have 3-4 primary use cases.
3. Identify & document any likely edge-cases (may be from different user perspectives).
4. Create a use case diagram of your product to one level of detail.
5. Add an additional level of detail for your use case diagram for all applicable use cases.
6. Write a narrative description for each of your primary use cases and edge cases. Each use case may have an alternate use case, describing an edge case associated with it: an error or something that the actor could do that isn't part of the primary use case flow. Your edge cases themselves do not necessarily need alternates.
7. Finally, refine all of your use cases and use case diagram and document them digitally in an organized manner.

**Deliverables**

Deliver the following items (*Total points: 100*):

1. **Use Cases** These use cases will represent the aggregate of your iterations and refinements. You will deliver at least 3 use cases (see above), with each primary use case containing any appropriate alternates.  
(60 points)
2. **Use Case Diagram** Use case diagram(s) that describe the functions your product supports to one level of detail. You will turn in one high-level diagram, and one per use case showing additional detail where applicable.  
(40 points)

**(grading requirements on the following page)**

## Grading

<b>Use Cases</b>	<b>Weight</b>
Appropriate number of use cases documented (see above)	20
Each use case documented at an appropriate level of detail, with alternates (for primary use cases only)	20
Use cases appropriately correspond to use case diagram	10
All use cases documented and indexed in an XLS spreadsheet	10
	60

<b>Use Case Diagram(s)</b>	<b>Weight</b>
All use cases and actors accurately represented	15
Appropriate level of detail described per use case represented	15
Use case diagram(s) easy to read and created in a digital medium	10
	40