

## Grading Rubric – P1: Requirements and Use Cases

<b>System Overview</b>	<b>5 points</b>
Clear and precise description of the system in the user's vernacular capturing the essence of the functionalities (what it does?)	3 points
What are the unique features of the system? How are these features valuable?	2 points
<b>Rationale for building the system</b>	<b>10 points</b>
Clearly define the problem (what is the problem you want to address and why?)	3 points
Solution (how does your proposed solution address this problem?)	3 points
Comparison with competing products if such systems exist (name, shortcomings and how your solution is better)	4 points
<b>Methodology Used</b>	<b>8 points</b>
Process by which the requirements were gathered (How did you come up with the requirements? Did you study similar products, brainstorm requirements, etc.?)	4 points
Process by which the requirements were analyzed	1 point
Requirements evaluation (discuss criteria applied)	3 points
<b>Functional Requirements</b>	<b>20 points</b>
Description of functional requirements (include rationale if applicable)	10 points
Priorities are included	3 points
Estimates are included	3 points
Description of how priorities and estimates were determined	4 points
<b>Non-functional Requirements</b>	<b>15 points</b>
Description of 2-4 non-functional requirements	8 points
Measurement criteria are outlined	5 points
Constraints that those requirements may place on the system are included	2 points
<b>Use case descriptions</b>	<b>12 points</b>
4 use cases with descriptions of the main sequence of interactions between the actor(s) and the system are outlined	8 points
Description of the alternative sequences also included	4 points