**Inception Deliverable (50 points)**

**Due date – See Syllabus**

**The following artifacts from the inception phase must be complete and neatly done in Word. Your group may want to consider using a versioning software to help track artifact changes.**

1. **Project Vision (5 points)**
   1. This should be at least one paragraph, maximum two paragraphs. You include the principle use case/user story in this. This should be written in a ‘happy’ optimistic fashion.
2. **Project Scope (5 points)**
   1. This should establish the boundary conditions on your project. For example, you might say, it will not be an iOS (think iphone) native application.
   2. I would expect multiple ‘boundaries’ not just one.
   3. Be careful that this does not sound like a vision statement.
3. **Business Case (5 points)**
   1. List other similar software and their costs (if you can find some, your’s might be unique).
   2. List open source software that does a similar function and describe what it is not suitable.
   3. Buy or build is an important decision. Based on a, b, and c, Why did you decide on build (a little fixed in this class, as you will build).
   4. Look at the rankings you gave the Use Cases/User Stories, see below, then consider any of the higher risk Use Cases, do they have concerns that should be mentioned in the Business case. Do they have high value and returns that should be mentioned in the Business case.
4. **Identify Risks. (5 points)**
   1. These are things that could jeopardize implementation of the software product. These are not business risks.
   2. Do not include things like popularity of the product.
   3. **Do not include any generic risk mentioned in the text. These risks should be unique to you, but you can use them as a guide.**
   4. Example: If scalability is an issue, put “scalability” and why you believe it is an issue. Do not simply put comments like: “If the server is fast enough” or “Risk if the server crashes a lot”. You need to be specific as to why you think that may be risk.
5. **Candidate Architecture (2.5 points)**
   1. This will be expanded dramatically during the other phases, but for inception simply describe what do you expect to this product to run on and how you envision it may work.
6. **FURPS+ (2.5 points)**
   1. **F**eatures, security, capabilities
   2. **U**sability human factors
   3. **R**eliability requirements (frequency of failure)
   4. **P**erformance (response times, throughput, storage usage)
   5. **S**upportability (adaptability, maintainability, internationalization, configurability, etc.)
   6. **+** packaging, legal, deadlines, odd requirements, etc.

**Note: You do not need something for each of these. You might not need any of these.**

**Please don’t invent unnecessary things. For example: If there is no specific performance requirement, don’t put “must perform satisfactorily”. I would be happy with nothing here if there are no extra requirements, but mark it so on your artifact, and do not say not needed for every one of the FURPS+ items.**

1. **User Stories & Use Cases (10 points)**
   1. Identify what you think are 90% of the user stories. You do not have to complete them or have them with very much detail.
   2. 10% of the user stories must be converted to use cases and analyzed in detail.
   3. This means 2 columns or other detailed use case style.
   4. Assign ‘points’ to your user stories and use cases based on ‘intuitive’ complexity, concentrate on the high ranked ones first
2. **Glossary**. (5 points)
   1. You must include a complete glossary of terms. This will be expanded as we go. Do not put in obvious words, just to fill in something.
3. **Presentation**. (10 points)
   1. Team must do a polished, professional and practiced presentation of their inception phase to the class. Take 10 minutes and be prepared to answer questions about the project.