



EECE 443 : Software Project Management

January 2014

Assignment #2: Risk Management

You've decided to make a one-week trip, with four friends from UBC, just at the end of the term (around April 26 to May 4) to either Manhattan (New York), or San Francisco (pick one). You are taking charge of all the organization and logistics.

- a) Define a success scale, from “fantastic trip” to “total disaster”
.... 4 to 7 elements on the scale, 1-2 line description for each element

Then imagine what can go wrong, before or during the trip, what kind of events or conditions would make it not such a great success, or just a total fiasco. These are your travel *risks*. But keep these for you for now as a draft list.

- b) Define 2 short scales (3 to 5 levels) of *impact* and *likelihood* to classify your risks.

Now, revisit your draft risk list, and make sure you have risks that fall in all categories. If this is not the case, you may have to redefine your scale(s), or imagine more risks.

- c) For each of your risks:

Define it as a short sentence. Be consistent; imagine for example that each of your sentences is prefixed by “Our trip will not be a complete success if...” Use your success scale. Assign to each risk: an *impact*, a *likelihood*, and decide whether it is a *direct* risk or an *indirect* risk. Compute an overall risk *exposure* (by combining impact and likelihood), and rank your direct risks from the most damaging to the least. You should have at least 10 such risks.

- d) For each of the 5 most damaging *direct* risks (with highest exposure), define in a few lines what actions you can take to mitigate it, avoid it, or what contingency plan you may have if the risk turns into a problem.

Your assignment should fit on two sides of a single sheet of paper:

- Definition of your scale of success to failure
- Definitions for each value of the 2 scales of *impact* and *likelihood*
- A ranked list of risks (10 at least), with brief definition and attributes values.
- For each of the top 5 risks, an explanation of your risk management strategy.

Submit your assignment in Microsoft Word or PDF via Connect by Tuesday January 28th at 1:00pm *and* place a printed copy in the mailbox located in McLeod 4th floor, between rooms MCLD422 and 426, before 1:00pm. This is an individual assignment.