**Risk Table**

Note: No changes were made in first preparation phase

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| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Risk** | **Likelihood** | **Impact** | **Score** | **Mitigation Strategy** | **Contingency Plan** |
| 1 | no prior security knowledge | 10 | 10 | **100** | N/A | Learn security |
| 2 | limited web API knowledge | 10 | 9 | **90** | N/A | Learn web API |
| 3 | website is not user friendly | 5 | 7 | **35** | perform usability study | take results from usability study and improve UI |
| 4 | fail to meet deadlines | 4 | 8 | **32** | try to space our milestones out in a way that gives us enough time complete them, meet at least once a week to make sure everyone is on track | re-evaluate our milestones and adjust them |
| 5 | can't get a server from ITS | 4 | 5 | **20** | N/A | Find a different server host |
| 6 | customer adds requirements | 5 | 4 | **20** | get all the requirements beforehand and add it to the process spec | change the process spec and project plan to account for new requirements |
| 7 | cannot get siue email for notification service | 4 | 4 | **16** | trying now to get one from ITS | use a free account from another email service |
| 8 | NOAA permenantly goes offline | 1 | 10 | **10** | write code with low coupling so that it is easily able to use another weather API | Find a different weather service |
| 9 | Project data gets lost | 1 | 10 | **10** | store on our local computers in addition to using bitbucket | reupload latest version we have to minimize lost work |