Risk Assessment - Before

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| Description | Evaluation | Likelihood | Impact Level | Responsibility | Response | Control Measures |
| Computer hard drive fails | All data for the project will be lost | low | Very High | Developer | Recreate the lost data from a github repository | Push up to github every day and whenever a new feature is implemented to mitigate loss |
| Broken version of project created | Version of project might have breaking issues or may not meet requirements | High | High | Developer | Revert project to a more stable version | Push up to github on different branches for different features, when the feature is stable then push to dev branch |
| Not meeting the deadline | Project might not be fully functional when the deadline is due | Medium | Very high | Developer | If it looks like it won’t be ready before the deadline the developer will have to work overtime | Plan beforehand using Jira boards to manage the developers time |
| Project Performance shortfalls | The project might not be as fast as the end user would like | High | Medium | Developer | Ensure there is no clutter in the code slowing it down | Test at regular intervals making sure that there is no clutter |
| Requirements for the project change | The end user might require additional features | low | High | End User | Go back to the planning phase and assess what needs to be added and plan accordingly | Ensure that all the end user needs are specified before production starts |
| No internet connectivity | The developer doesn’t receive a working internet connection so that they cant push up to github or use cloud functionality | low | Medium | ISP | Back up the project to an external device or tether the computer to another device with inter connectivity | Ensure the developer has multiple was in which they can access the internet |