|  |  |
| --- | --- |
| Project Name: | QAC Cinema |
| Project Description: | Creating a full stack application allowing users to book a ticket, make a purchase and browse the site with ease. |
| Project Owner: | Emmanuel Lomax, Leighton Manning, Rianna Johnson, Will McCudden-Hughes |

**Probability/Risk Level > Colour chart**

Red: High

Yellow: Medium

Green: Low

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Risk ID** | **Date Registered** | **Risk Area** | **Risk Description** | **Probability** | **Risk Level** | **Project Impact** | **Proximity/Length of impact** | **Response Strategy** |
| 1 | 19/02/2021 | Internet Connection | Currently everyone is working from home and school in my house and so the WIFI connection is being used more often in my house. | **MEDIUM** | **HIGH** | if I do run into computer issues it could take considerably longer to get things done. | Depending on how long it may take to get a new system issued it could take around 2 days to a week. | Attempting to get a new device issued. In order to complete the project. |
| 2 | 19/02/2021 | Acts of God | Snow/Rain Storms | **LOW** | **LOW** | If damage to internet and electric cables are bad | Depending on the damage caused, could last between a few hours to a few days. | Regularly committing any changes in files to GitHub so that the team always has a working line of code to use. |
| 3 | 19/02/2021 | IT | Hard Drive Problems | **LOW** | **MEDIUM** | Difficult to restore work that has been lost leading to incompletion of project | Few days to weeks in order to rectify the issue. | Similarly, to ‘Acts of God’, making sure that we are regularly committing our work. |
| 4 | 19/02/2021 | Covid-19 | With friends/ family working as essential retailers the risk that the virus imposes on some/all colleagues is quite high. | **MEDIUM** | **LOW** | Depending on the strain that the virus puts on each person | According to W.H.O a minimal of 2 weeks quarantine time | Maintaining the Governments recommendations on maintaining lockdown and tier restrictions |
| 5 | 19/02/2021 | Electrical Issues | A bathroom renovation is taking place and if there were complications that could lead to a burst pipe the plumbing and electrical elements in the house could be affected. | **LOW** | **HIGH** | Without electricity completion of the project would halt. | dependant on the severity of the issue and how long it could possibly take to fix. Between a few weeks to a few months. | Ensuring that I am regularly committing to Git and have a basis of code to work from. |
| 6 | 19/02/2021 | Communication Risk | Lack of communication between the team will create a lack of clarity and confusion when it comes to the development | **MEDIUM** | **HIGH** | Without a divisive plan the completion of the application will be greatly at risk | Dependent on the duration of the project | Having daily sprint meetings to ensure that we are on the same page as a team and regularly communicating ideas and checking things off as we go along. Application meets the project spec. |
| 7 | 19/02/2021 | IT | Design Flaw | **MEDIUM** | **HIGH** | With incomplete code and errors in the syntax the end user will not be able to get the full user of the application | Focuses on the end of the project and so the proximity could last between a few hours or more depending on how long the issues occur. | Running frequent tests and double-checking code to ensure everything sorts runs properly. |
| 8 | 19/02/2021 | Technology | Testing | **HIGH** | **HIGH** | Whilst the code that I run works. I will not be able to know if it is long term code. | N/A | Attempting to do a little bit at a time to keep up with the code that I am writing. |
| 9 | 19/02/2021 | Mismanagement | Time Constraint | **HIGH** | **HIGH** | Application being incomplete, thus affecting user experience. | N/A | Trying to complete as much of the application as possible |
| 10 | 19/02/2021 | Resource Risk | Absenteeism | **LOW** | **LOW** | The concentration of work maybe overwhelming for the remaining colleagues and so tasks may not be completed to the best that they can be. | Unclear to say as it is determined by the individual and problem at hand. | Having regular sprint meetings and making sure that we are able to discuss at problems and tasks in depth to ensure that everyone is on the same page and that we are able to tick things off as we move forward. |
| 11 | 19/02/2021 | Scheduling Errors | If there are unplanned tasks that need to be done and we find that we are running out of time. | **LOW** | **HIGH** | With new tasks that haven’t been completed the effects towards the end application could be severe and would have an effect on the users who try to navigate around the application. | Few hours to a few days, subjected to the level of work that is require to complete the task. | Cross Referencing the spec and acceptance criteria with our user stories and Kanban board to guarantee that we are working towards the goal of having a running application. |
| 12 | 19/02/2021 | Technology Risk | If there are too many conflicts between the branches, the work will not be reflected appropriately. | **MEDIUM** | **HIGH** | If the branches aren’t able to communicate together properly, when it comes to | The impact should not last any longer than a few minutes to hours at most | Ensuring that the commands are being used in the best way and communicating amongst other members when errors/conflicts o other major problems arise. |
| 13 | 19/02/2021 | Technology Risk | Minimal knowledge of MERN frameworks and technologies. | **MEDIUM** | **MEDIUM** | Difficult to work on project and complete tasks set. | A few hours to days will be needed to ensure that I have a full understanding of what is expected of me | Researching as many topics as needs (watching tutorials) |