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| **ID** | **Risk Description** | **Likelihood** | **Impact** | **Severity** | **Owner** | **Mitigation** | **Status** |
| 1 | Underestimated the time required to complete the project requirements | Low | Low | Medium | Dikson Rajbanshi | Discuss the project requirements with the supervisor and create a clear project plan | Open |
| 2 | Inadequate knowledge on Python and Machine Learning | Low | Medium | Medium | Dikson Rajbanshi | Go through tutorials as required and seek help from supervisor as required | Open |
| 3 | Interruption in project progress due to COVID-19 or other health issues | Low | High | Medium | Dikson Rajbanshi | Take preventive measure and take good care of health. Consult to a doctor if required and inform the supervisor in case of difficulty | Open |
| 4 | Hardware/ Internet Failure | Low | Low | Low | Dikson Rajbanshi | Repair hardware as required. Contact ISP for quick fix of the internet. Use mobile data/ hotspot as an alternative. Backup devices and git setup as required. | Open |
| 5 | Lack of adequate dataset/ labelled audio data for the model training | Low | High | Medium | Dikson Rajbanshi | Research required audio data through internet. If needed, consult with SSD to take help from fellow students for data collection. | Open |
| 6 | Lack of hardware infrastructure for model training | Medium | Medium | Medium | Dikson Rajbanshi | Try lowering the processing requirements through training arguments or use cloud computing technology like Google Collab if required | Open |