

Risk Management Plan for Salon

Version 1

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Revision History

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| --- | --- | --- |
| Version | Description | Date |
| 1 | Filled out immediate risks, approaches, and plans. | 2/23/2023 |
| 1.1 | Updated the risk plans and descriptions for better clarity. Simplified the risks we expect to run into. | 3/5/2023 |

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# Introduction

This document lists the project risks associated with the Salon project, and how we plan on addressing each risk. This document will be updated as we become more knowledgeable in the realm of risk management.

# Risk Register

| Risk # | Description | Approach  (Avoid, Contain, Mitigate, Evade) | Plan | Status  (Open, Closed) |
| --- | --- | --- | --- | --- |
| 1 | Firebase is too complex to pick up | Contain | Look into other available databases (i.e. AWS, Parse, mySQL) | Open |
| 2 | A team member drops out | Evade | We’ll divide work among the remaining members based on member experience  We will document our progress in order to minimize time lost due to disruptions during the project  We will sustain communication through text to stay up to date on where everyone is on their tasks | Open |
| 3 | Application can’t handle a lack of users in the area | Mitigate | Expand user scanning radius | Open |
| 4 | Application can’t connect separate components (i.e. wifi, database, AI) together | Mitigate | Planning and documenting dependencies functions around minimizing points of failure | Open |
| 5 | Too many features planned (Scope Creep) | Mitigate | Set defined expectations for features | Open |
| 6 | AI implementation proves too challenging | Contain | Shrink scope of AI in application | Open |
| 7 | Any project files or User data are lost | Contain | Backup files on two different platforms (i.e. Onedrive, Google Drive, Github) | Open |
| 8 | Underestimating time required to complete features | Mitigate | Plan and estimate time requirement to implement each feature | Open |
| 9 | Too much user location data displayed for other users | evade | Do not display specific user locations to others | Open |
| 10 | Vague team roles | Mitigate | Clarify tasks to be done on application so that team members pick their role based off of experience | Open |
| 11 | Loss of product identity | Contain | Look back to documentation and project scope document to maintain project identity | Open |
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