

Risk table - Initial - Status date: 10/12/2024

| Risk Id | Risk event | Risk Description | Prob. (1-5) | Impact (1-5) | Risk Factor | Mitigation | Responsible | Follow-up date |
|---------|----------------------------------|--|----------------|-----------------|----------------|---|---|-------------------|
| R1 | Lose a group member | Losing a group member | 2 | 4 | 8 | Do regular check-ins to help and talk about tasks. | The group | 27/12/2024 |
| R2 | App security | Having no thoughts about security when coding. | 2 | 2 | 4 | Since we have a web-security course then we have to implement some security features. | The group(because of the security exam) | 27/12/2024 |
| R3 | Provider issues (cloud services) | Our database is hosted at Azure, and if Microsoft is down, then our system is also down. | 1 | 5 | 5 | Have a backup file ready. | Christian Funder - responsible for the SQL database | 27/12/2024 |
| R4 | Delay of project deadline | The task is too big and we can't finish the project before the deadline. | 2 | 5 | 10 | Create a solid plan | The group | 27/12/2024 |
| R5 | Dependent of external API | Experiencing failures, delays, or downtime. | 2 | 3 | 6 | Establish backup providers | The group | 27/12/2024 |

Risk Table - Mid-development - Status date: 27/12-2024

| Risk Id | Risk event | Risk Description | Prob. (1-5) | Impact (1-5) | Risk Factor | Mitigation | Responsible | Follow-up date |
|---------|----------------------------------|--|-------------|--------------|-------------|---|---|----------------|
| R1 | Lose a group member | Losing a group member | 1 | 4 | 4 | Still do regular check-ins to help and talk about tasks. And now we are also closer to the deadline, therefore the prob is lower. | The group | 5/1/2025 |
| R2 | App security | Having no thoughts about security when coding. | 1 | 2 | 2 | We have implemented some security features like JWT, XSS and more... | The group(because of the security exam) | 5/1/2025 |
| R3 | Provider issues (cloud services) | Our database is hosted at Azure, and if Microsoft is down, then our system is also down. | 1 | 3 | 3 | We have stored a file that can generate the database again with data. | Christian Funder | 5/1/2025 |
| R4 | Delay of project deadline | The task is too big and we can't finish the project before the deadline. | 2 | 5 | 10 | We are still a little behind. | The group. | 5/1/2025 |
| R5 | Dependent of external API | Experiencing failures, delays, or downtime. | 2 | 3 | 6 | Establish backup providers | The group | 5/1/2025 |

Risk Table - Final - Status date: 5/1/2025

| Risk Id | Risk event | Risk Description | Prob. (1-5) | Impact (1-5) | Risk Factor | Mitigation | Responsible | Follow-up date |
|---------|----------------------------------|--|----------------|-----------------|----------------|--|---|-------------------|
| R1 | Lose a group member | Losing a group member | 1 | 2 | 2 | Almost done with the project and the exam is coming up. | The group | 10/01/2025 |
| R2 | App security | Having no thoughts about security when coding. | 2 | 2 | 4 | We have implemented some security features like JWT, XSS and more... | The group(because of the security exam) | 10/01/2025 |
| R3 | Provider issues (cloud services) | Our database is hosted at Azure, and if Microsoft is down, then our system is also down. | 1 | 3 | 3 | Have a backup file ready. We have stored a file that can generate the database again with data | Christian Funder | 10/01/2025 |
| R4 | Delay of project deadline | The task is too big and we can't finish the project before the deadline. | 1 | 1 | 1 | We finished the project in time | The group | 10/01/2025 |
| R5 | Dependent of external API | Experiencing failures, delays, or downtime. | 2 | 3 | 6 | Establish backup providers | The group | 10/01/2025 |

Risk factor: 1- 4 Low - 5-14 Medium - 15-25 High

Risk Matrix - Initial

| Impact → Probability ↓ | 1 - Very low | 2 - Low | 3 - Moderate | 4 - High | 5 - Very high |
|---------------------------|--------------|---------|--------------|----------|---------------|
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | R2 | R5 | R1 | R4 |
| 1 | | | | | R3 |

Risk Matrix - Mid Development

| Impact → Probability ↓ | 1 - Very low | 2 - Low | 3 - Moderate | 4 - High | 5 - Very high |
|---------------------------|--------------|---------|--------------|----------|---------------|
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | | R5 | | R4 |
| 1 | | R2 | R3 | R1 | |

Risk Matrix - Final

| Impact → Probability ↓ | 1 - Very low | 2 - Low | 3 - Moderate | 4 - High | 5 - Very high |
|---------------------------|--------------|---------|--------------|----------|---------------|
| 5 | | | | | |
| 4 | | | | | |
| 3 | | | | | |
| 2 | | R2 | R5 | | |
| 1 | R4 | R1 | R3 | | |