

CarePlus Group Project: Deliverable 13

From the identified risks of the previous deliverable (D12), a careful selection of the 5 most important risks was done. Then, these risks were analyzed in a risk management plan, providing control strategies both for avoidance and mitigation:

1. Data Migration Risks

- Risk: Data loss or corruption during migration.
- Consequences: Loss of critical patient and doctor data, leading to operational disruptions and potential legal issues.
- Category: Technical
- Probability: Possible (4/5)
- Impact: Major (4/5)
- Severity: High (12/25)
- Avoidance and Mitigation Strategies: Implement a robust data migration plan, including thorough testing of the migration process, backups of all data, and potentially hiring external experts.

2. Technical Risks

- Risk: Unforeseen technical challenges or limitations.
- Consequences: Delays in project timeline, increased costs, and potential failure of the project.
- Category: Technical
- Probability: Probable (4/5)
- Impact: Major (4/5)
- Severity: High (16/25)
- Avoidance and Mitigation Strategies: Regular technical reviews, use of proven technologies, and having a skilled and experienced technical team.

3. Security Risks

- Risk: Security breaches leading to unauthorized access to patient data.
- Consequences: Legal issues, fines, damage to reputation, and potential harm to patients.
- Category: Security
- Probability: Possible (3/5)
- Impact: Catastrophic (5/5)
- Severity: High (15/25)
- Avoidance and Mitigation Strategies: Implement robust security measures, regular security audits, and training for staff on security best practices.

4. Regulatory Compliance

- Risk: Non-compliance with medical and data privacy regulations.
- Consequences: Legal issues, fines, and damage to reputation.
- Category: Legal
- Probability: Not Likely (2/5)

- Impact: Catastrophic (5/5)
- Severity: High (10/25)
- Avoidance and Mitigation Strategies: Regular reviews of regulatory requirements, consultation with legal experts, and thorough testing for compliance.

5. Training Risks

- Risk: Users struggle to learn the new software.
- Consequences: Delays in project timeline, reduced effectiveness of the software, and potential operational disruptions.
- Category: Operational
- Probability: Probable (4/5)
- Impact: Moderate (3/5)
- Severity: High (12/25)
- Avoidance and Mitigation Strategies: Comprehensive training program, user-friendly software design, and availability of user support.

| | | Negligible (1) | Minor (2) | Moderate (3) | Major (4) | Catastrophic (5) |
|------------|-------------------|----------------|-----------|---------------|---------------------|-----------------------|
| LIKELIHOOD | Very Likely (5) | | | | | |
| | Probable (4) | | | Training Risk | Technical Risk | |
| | Possible (3) | | | | Data Migration Risk | Security Risk |
| | Not Likely (2) | | | | | Regulatory Compliance |
| | Very Unlikely (1) | | | | | |