SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

PROJECT NAME: MediShare

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LIKELIHOOD RANK	RISK DESCRIPTION
1	Change in requirements
2	Data loss
3	Testing
4	Design Complexity
5	Hardware Unavailability
6	Rate of Bugs
7	Integration with old systems
8	Project Expansion
9	Budget
10	Tools
11	Change in laws

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LIKELIHOOD RANK	IMPACT RANK	COMBINED RANK	RISK DESCRIPTION
3	1	4	Testing: Testing in the health and pharmaceutical sectors can be unpredictable, making it highly likely that test cases will be missed. Inexperienced developers such as ourselves may overlook certain cases, so it is important to maintain constant communication with stakeholders to ensure all cases are covered. However, this may lead to unplanned changes in the project, such as a prolonged testing phase, which could delay the start of the next sprint and result in significant costs.
2	4	6	Data Loss: We started learning PostgreSQL during the development of the project. Therefore, there is a high risk of data loss during our operations. Reverting to the old system to recover lost data could be a significant waste of time for developers. Late discovery of data loss may lead to skipped tests and require revisiting those cases to check for bugs, ultimately impacting the project budget and planning negatively.
6	2	8	Rate of Bugs: A high error rate may undermine the government's confidence in us. Additionally, correcting these errors will require a considerable amount of time, which increases the risk of exceeding the project's time and budget limits. This risk is further compounded when combined with other factors such as complex requirements, technical difficulties, or poor communication.

1	9	10	Change in requirements : Our stakeholders may not anticipate every situation, or they may have explained it incorrectly, or we may have misunderstood it. Therefore, we may need to modify the requirement.
9	3	12	Budget: Other risks can negatively impact planning and cause the budget to be exceeded.
5	8	13	Hardware unavailability: Testing the program on various devices can be challenging due to the wide range of devices used by individuals and healthcare organisations.
7	6	13	Integration with old systems: It is important to understand the documentation of old systems and their integration into our own system. This may lead to unexpected changes.
4	10	14	Design Complexity: Designing an application that is user-friendly for people of all ages can be challenging, as everyone has different needs and preferences.
8	7	15	Project Expansion: The team may have underestimated the size of the project. Additional and changing features may complicate the project's development.
11	5	16	Change in Laws: Legal changes during project development may alter the process, particularly with regards to data confidentiality.
10	11	21	Tools: We need to learn some tools for this project. During the learning process, we may encounter issues or need to customize the tools to meet our specific requirements.