

SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

PROJECT NAME: SHARPFRIDGE

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LIKELIHOOD RANK	RISK DESCRIPTION
1.	Security breaches : Security breaches compromising user data or system functionality.
2.	Inaccurate sensor readings: Inaccurate sensor readings leading to improper adjustments in cooling and humidity levels.
3.	Compatibility issues: Compatibility issues between mobile application and user device.
4.	Insufficient user training: Insufficient user training leading to misuse or improper handling of the refrigerator system.
5.	Hardware supply chain disruptions : Hardware supply disruptions affect sensor or hardware component availability. Therefore, producing would be disrupted and finding spare part can be hard.
6.	Regulatory changes: Regulatory changes impacting food storage guidelines and requirements.
7.	Technical failures: Fatal technical failures or malfunctions in the refrigerator system.
8.	Competition: Competition introducing similar or more advanced solutions in the market.
9.	Consumer shifts: Unexpected shifts in consumer preferences or demands for food storage solutions.
10.	Budget constraints: Budget constraints affecting the development and deployment of the intelligent refrigerator system.

SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

IMPACT RANK	RISK DESCRIPTION
1.	Security breaches : Security breaches compromising user data or system functionality.
2.	Supply chain disruptions : Supply chain disruptions affecting sensor or hardware component availability.
3.	Technical failures: Unforeseen technical failures or malfunctions in the refrigerator system.
4.	Regulatory changes: Regulatory changes impacting food storage guidelines and requirements.
5.	Competition: Competition introducing similar or more advanced solutions in the market.
6.	Budget constraints: Budget constraints affecting the development and deployment of the intelligent refrigerator system.
7.	Inaccurate sensor readings: Inaccurate sensor readings leading to improper adjustments in cooling and humidity levels.
8.	Compatibility issues: Compatibility issues between hardware and software components.
9.	Insufficient user training: Insufficient user training leading to misuse or improper handling of the refrigerator system.
10.	Consumer shifts: Unexpected shifts in consumer preferences or demands for food storage solutions.
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SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

LIKELIHOOD RANK	IMPACT RANK	COMBINED RANK	RISK DESCRIPTION
5.	2.	1.	Hardware supply chain disruptions : Hardware supply disruptions affect sensor or hardware component availability. Therefore, producing would be disrupted and finding spare part can be hard.
2.	7.	2.	Inaccurate sensor readings: Inaccurate sensor readings leading to improper adjustments in cooling and humidity levels.
3.	8.	3.	Compatibility issues: Compatibility issues between hardware and software components.
4.	9.	4.	Insufficient user training: Insufficient user training leading to misuse or improper handling of the refrigerator system.
1.	1.	5.	Security breaches : Security breaches compromising user data or system functionality.
6.	4.	6.	Regulatory changes: Regulatory changes impacting food storage guidelines and requirements.
7.	3.	7.	Technical failures: Unforeseen technical failures or malfunctions in the refrigerator system.
8.	5.	8.	Competition: Competition introducing similar or more advanced solutions in the market.
9.	10.	9.	Consumer shifts: Unexpected shifts in consumer preferences or demands for food storage solutions.

SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

10.	6.	10.	Budget constraints: Budget constraints affecting the development and deployment of the intelligent refrigerator system.
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