

SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

PROJECT NAME: Lecture-based University Preparation Application (LUPA)

GROUP MEMBERS: Ataberk YAYLA, Can ÖZER, Emirhan KÖKSAL, İrem ÖZKAN, Onur ERGÜDEN, Zuhale Naz CANSU

LIKELIHOOD RANK	RISK DESCRIPTION
1	Lack of resources: The stakeholders may provide insufficient funding or the required manpower for development and management teams may not be reached. Therefore, project development may be affected negatively.
2	Technical difficulties of development: Functionality issues such as late response time, error messages or unintended answers can distract the user from the program or mislead the user. And create the risk of the application not functioning as intended or missing core functionalities.
3	Complex System Design: because of the development team's lack of experience of the system design and UI it may seem more complicated than it is to users.
4	Testing: Testing will be done every sprint it may be difficult for the beta team to give most useful feedback.
5	Team adaptation to tools: The development team may have to learn new tools in order to support and continue the LUPA project.
6	Difficulty in integrating with university systems: Failure to integrate LUPA with existing university information systems (such as registration, student affairs, course management) and difficulties in data exchange. This may limit the functionality of LUPA and prevent students from having one-stop access to the information they need.
7	Insufficient machine learning model performance: Since this is the most basis service offered by the product, a mistake here will have a bad effect on the entire product and will mislead the student
8	Schedule Delays: Risk of exceeding development timelines can be caused unforeseen technical challenges, resource limitations, and insufficient budget.
9	Lack of backup systems: If something goes wrong with the system or storage and data is lost, there's no backup available to restore it. This creates the need for reliable backup procedures to prevent permanent data loss.
10	Compatibility issues with different devices or browsers: The system has to usable in different web browser and operating system.

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IMPACT RANK	RISK DESCRIPTION
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LIKELIHOOD RANK	IMPACT RANK	COMBINED RANK	RISK DESCRIPTION
1	2	3	Lack of resources: The stakeholders may provide insufficient funding or the required manpower for development and management teams may not be reached. Therefore, project development may be affected negatively.
4	4	8	Testing: Testing will be done every sprint it may be difficult for the beta team to give most useful feedback.
7	1	8	Insufficient machine learning model performance: Since this is the most basis service offered by the product, a mistake here will have a bad effect on the entire product and will mislead the student
2	6	8	Technical difficulties of development: Functionality issues such as late response time, error messages or unintended answers can distract the user from the program or mislead the user. And create the risk of the application not functioning as intended or missing core functionalities.
6	3	9	Difficulty in integrating with university systems: Failure to integrate LUPA with existing university information systems (such as registration, student affairs, course management) and difficulties in data exchange. This may limit the functionality of LUPA and prevent students from having one-stop access to the information they need.
3	7	10	Complex System Design: because of the development team's lack of experience of the system design and UI it may seem more complicated than it is to users.
5	8	13	Team adaptation to tools: The development team may have to learn new tools in order to support and continue the LUPA project.
9	5	14	Lack of backup systems: If something goes wrong with the system or storage and data is lost, there's no backup available to restore it.

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8	10	18	Schedule Delays: Risk of exceeding development timelines can be caused unforeseen technical challenges, resource limitations, and insufficient budget.
10	9	19	Compatibility issues with different devices or browsers: The system has to usable in different web browser and operating system.