SE 216 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

PROJECT NAME: DrivEco

GROUP MEMBERS: Group 5 - Bade Balcı, Elif Göksu Sümer, Deniz Yetiş, Selin Gilgil, Fatih Anamaslı, Yunus Erdem Gökdağ

LIKELIHOOD RANK	RISK DESCRIPTION
9	**Limited Resources:** Included are factors that could potentially limit the development team's effectiveness in executing the project, encompassing constraints such as time, human resources, information availability, and other resource limitations.
7	**Safety Issues:** Safety risks that affect the application and cause data leaks such as data security, system vulnerabilities, insecure development practices, third-party dependencies and insufficient testing.
5	**Database - Data Storage Problems:** If database design is done the wrong way, there would be some problems about data storage and this may cause loss of the data.
1	**Hardware / Operating System**: Because the smartphones have different hardwares and operating systems applications must be running on all the smartphones consistently without a hitch.
4	**Communication Difficulties:** Disputes, misunderstanding and lack of communication between project clients, stakeholders, managers,developers propose risk for the project.
10	**Changing Requirements:** Requirements may increase or change with user experience tests.
2	**Scheduling:** Risks associated with project planning, such as unexpected disruptions or missed deadlines, can cause delays.
8	**Budget Control:** During the development stage, our budget may not be sufficient, and additional expenses could strain the planned budget.
3	**Unavailability of Sponsor:** If a sponsor cannot be found, drivers cannot be engaged to take students into their vehicles and the application will not achieve its purpose.
6	**Training and Tools:** Tools and training are essential components of software development management projects. A deficiency in training or experience with the tools being utilized, or difficulty in learning and adapting to new tools, can result in inefficiencies, errors, and delays in project delivery.

IMPACT RANK	RISK DESCRIPTION
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LIKELIHOOD RANK	IMPACT RANK	COMBINED RANK	RISK DESCRIPTION
1	3	4	**Hardware / Operating System:** Because the smartphones have different hardwares and operating systems applications must be running on all the smartphones consistently without a hitch.
5	1	6	**Database - Data Storage Problems:** If database design is done the wrong way, there would be some problems about data storage and this may cause loss of the data.
7	2	9	**Safety Issues:** Safety risks that affect the application and cause data leaks such as data security, system vulnerabilities, insecure development practices, third-party dependencies and insufficient testing.
2	9	11	**Scheduling:** Risks associated with project planning, such as unexpected disruptions or missed deadlines, can cause delays.
3	8	11	**Unavailability of Sponsor:** If a sponsor cannot be found, drivers cannot be engaged to take students into their vehicles and the application will not achieve its purpose.
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4	10	14	**Communication Difficulties:** Disputes, misunderstanding and lack of communication between project clients, stakeholders, managers,developers propose risk for the project.
8	6	14	**Budget Control:** During the development stage, our budget may not be sufficient, and additional expenses could strain the planned budget.

10	5	15	**Changing Requirements:** Requirements may increase or change with user experience tests.