SE 315 – SOFTWARE PROJECT MANAGEMENT
PROJECT RISKS DOCUMENT

PROJECT NAME: BrightBorn

GROUP MEMBERS: Zeynep Övgü YAYCI, Uğur DURA, Cem ÖZCAN, Burak ERDOĞAN, Mustafa AYKAÇ

LIKELIHOOD RANK	RISK DESCRIPTION
1	**Data Accessibility –** If the companies holding the data required for comparison with other genes restrict access to this data, we may not be able to obtain sufficient data thats why we need to search for alternatives.
2	**Hardware Limitation –** During the computations for marking mutant genes and possible outcome, virtual space might not be enough for certain computations. It should be tested and optimized on every step.
3	**Complex Calculations –** According to accuracy of reports; complex possibility calculations lead software to generate weak spots thats why it error should be checked on every iteration.
4	**Tools –** The team needs to learn new tools to support the project otherwise the required sofware tools can be formed according to the team members skills.
5	**Debugging –** Due to the complex calculations required for the project. Errors can lead to hard debug section for team members thats why we can search for new algorithms that can make our calculations less complex.
6	**Training –** We have limited time to finish this project; so the team members should train in a short period of time.
7	**UI Complexity –** User interface should not create any dilemma thus it should be clear to understand by users.

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IMPACT RANK	RISK DESCRIPTION
1	**Complex Calculations –** According to accuracy of reports; complex possibility calculations lead software to generate weak spots thats why it error should be checked on every iteration.
2	**Hardware Limitation –** During the computations for marking mutant genes and possible outcome, virtual space might not be enough for certain computations. It should be tested and optimized on every step.
3	**Training –** We have limited time to finish this project; so the team members should train in a short period of time.
4	**UI Complexity –** User interface should not create any dilemma thus it should be clear to understand by users.
5	**Tools –** The team needs to learn new tools to support the project otherwise the required sofware tools can be formed according to the team members skills.
6	**Debugging –** Due to the complex calculations required for the project, any of the errors can make debugging hard for the team.
7	**Data Accessibility –** If the companies holding the data required for comparison with other genes restrict access to this data, we may not be able to obtain sufficient data thats why we need to search for alternatives.

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LIKELIHOOD RANK	IMPACT RANK	COMBINED RANK	RISK DESCRIPTION
3	**1**	**4**	**Complex Calculations –** according to accuracy of reports; complex possibility calculations lead software to generate weak spots
2	**2**	**4**	**Hardware Limitation –** During the computations for marking mutant genes and possible outcome, virtual space might not be enough for certain computations. It should be tested and optimized on every step.
1	**7**	**8**	**Data Accessibility –** If the companies holding the data required for comparison with other genes restrict access to this data, we may not be able to obtain sufficient data thats why we need to search for alternatives.
4	**5**	**9**	**Tools –** The team needs to learn new tools to support the project otherwise the required sofware tools can be formed according to the team members skills.
6	**3**	**9**	**Training –** We have limited time to finish this project; so the team members should train in a short period of time.
7	**4**	**11**	**UI Complexity –** User interface should not create any dilemma thus it should be clear to understand by users.
5	**6**	**11**	**Debugging –** Due to the complex calculations required 3ort he project. Any of the errors can make debugging hard for the team.