

# Probability/Impact Matrix

3/27/19

<b>Probability</b>	high			
	medium		<ul style="list-style-type: none"> <li>- Issues with software</li> <li>- Data confusion</li> </ul>	<ul style="list-style-type: none"> <li>- Implementation recommendation not being feasible</li> </ul>
	low		<ul style="list-style-type: none"> <li>- Miscommunication with stakeholders</li> <li>- Lack of access to data</li> </ul>	<ul style="list-style-type: none"> <li>- Stakeholder dissatisfaction</li> <li>- Data inaccuracy</li> </ul>
		low	medium	high

**Impact**

**Internal:**

- *Stakeholder dissatisfaction* would have a high impact. However, the team expects its probability to be low. Regular communication and feedback from the stakeholder minimizes the probability.
- *Miscommunication with stakeholders* would have a medium impact on the project. Due to the regularly scheduled meetings, the team concludes that its probability of threatening the project is low.
- The project *lacking access to data* would have a medium impact on the project with a medium probability. The project sponsor has a full-time job and is not always as responsive as the team would like. This includes obtaining data for the project to move forward. There is also a potential that the team will be unable to access some data for student/faculty privacy reasons.

**Technical:**

- *Issues with software* would have a medium impact on the project and also poses a medium threat. This depends mainly on what software the team chooses to go forward with. The team has mitigated this risk by researching many tools for project completion instead of only trying and using one.
- *Data inaccuracy* could potentially have a high impact on the project however the team anticipates it being low risk. Rec Sports does a lot of manual entry into systems however they have a high volume of data over many months so averaging this data together should paint a fairly realistic picture.
- *Data confusion* would have a medium impact on the project with a medium probability. Data confusing means that the sponsor could potentially misinterpret data that the team presents to them. The team has mitigated this risk by having a constant line of communication open and actively utilizing this throughout the project.
- If the team's *implementation recommendation is not feasible*, it would severely impact the project. This has a medium probability, seeing as many teams have done this project

in the past and none have completed it. However, the team will be creating a roadmap to provide future teams possible directions for carrying this project forward.