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**University of Ontario Institute of Technology**

**Faculty of Engineering and Applied Science**

**Lab #4: Uber Rush Project**

**Due Date: Mar.25.2019**

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**1.**

1. **Risk during user requirements**-There is a high risk related to the misinterpretation of the user requirement by the development/design team. This can ultimately lead to a loss in time and can affect the quality of software delivered.The developer should have a clear picture of the end product and his targeted audience otherwise it would lead to grave design errors. To prevent this the users and developers should clearly discuss the app requirements and streamline their communication. Additionally, developers should maintain communication with users throughout the development process to get feedback from the customers as the app progresses.
2. **Risk of security breaches-**System testing and quality assurance. Developers should incorporate enhanced security check algorithms to catch any security attacks. There should be proper validation and authentication of user credentials with sound encryption and decryption algorithms.
3. **Risk of** **performance problems during app deployment -**  Alpha test and beta test.
4. **Risk of not qualified developers-**This causes the risk of a poorly developed application. To prevent this when recruiting the development group, each member’s qualifications should be assessed and every member has to do a coding test to determine their level of expertise and experience.

**2.**

The main source for the project are the development team and other functional teams that are required to complete the project on time smoothly. Team titles and a short description of the team functionality is shown in table below.

A list of teams that are required for the job are the following:

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| **Team** | **Description** |
| HR Team | Responsible for hiring and people management |
| IT Team | Responsible for IT related issues |
| System Analyst Team | Responsible for user requirement generation and selection |
| iOS cross functional team | iOS environment development |
| Android cross functional team | Android environment development |
| Database administrator | Backend management |
| QA/QC team | Quality Assurance and Control of the software |