# **7.6 RISK**

**Use of an unfamiliar framework:**

* Not everyone in the team is knowledgeable about the Laravel framework being used for the project.
* Amateur developers might face problems while extending code and classes, as it is a new platform for most of the developers to deal with.
* Because the team is working with a new framework, the scheduling part of the project is a hard task to do and learning how to work with the framework could delay the assigned tasks.

**Different levels of programming knowledge:**

* Not everyone in the team comes from a software engineering background. Different levels of experience with the programming language could result in inability to understand complex pieces of code for some team members.
* Not everyone necessarily follows commenting guidelines. One developer might have coded something without proper documentation about it which could be confusing for other developers working on the same project resulting in delays and other problems.

**Schedule generating issues:**

* Students might end up with a course in their schedule that they shouldn’t be allowed to take according to university’s rule and regulations. For example, a student is registered for a regular Fall/Winter year, and he fails a course in fall which is a pre-requisite for some other course in winter (or gets a D+ or lower in some 200 level course). With this issue the student could still be enrolled in the course in winter even after failing its pre-requisite which could violate the university’s regulations.
* The scheduler might show a specific class full before its full capacity has been reached, possibly resulting in graduation delay for many students. For example, if a class like SOEN 342 or 343 is shown full when it is actually is not, a student will have to wait one full academic year to be able to take it as its offered only once every year.

**Security issues:**

* Security is a huge problem when it comes to storing confidential data about the users in a database. Security measures such as having a secured server to handle the information and much testing is needed before the final release of our software.