Milestone 1

Tools:

**MB** - Git

Git is an industry standard revision control program that will allow our multiple team members to work on our project. By using branching to allow each member to work on a copy of the project we can work simultaneously without interfering with each other and the merge tools will help us manage multiple changes to single files.

**MB** - NetBeans or Eclipse for Java compiler

NetBeans is a free Java compiler that one of our team members has been using for the past couple of months. Since we have a familiarity with it, we chose it for our Java compiler.

**VS** - Microsoft SQL Server 2016

Popular, team members with experience

**VS** - Unity

Easy to port to multiple platforms

**MB** – JDBC

Our project is a library assistant. This will require database tools. Sun Microsystems developed JDBC as part of the Java Developers Kit specifically for working with databases making this a logical choice.

PMS TBD

Technologies:

**CA** - Java

Better for multi-platform development

**CA** - Windows 10

This is the OS we all have access to

**JC** - Database server

Running the database on a server will let it run faster and more reliable

Processes:

**JC** - Agile Process Model

Better to accommodate changes at any stage