

**Process Model used and Justification:**

For implementing our software, we decided to use the Scrum process model that is part of the Agile model. Choosing a process model that is part of the agile model is important as the agile model prioritizes customer satisfaction and involvement which is crucial for designing our software as one of the main goals is to improve the already existing course registration software to be more user friendly for customer satisfaction. Since our business needs are dynamic and need to be fulfilled immediately, it only makes sense for us to use an agile model.

Scrum relies on a process pattern called a sprint and therefore the number of sprints will depend on the complexity of the system we are producing but using this model will allow us to develop the software and add functionalities after every sprint so we can produce a functional product in the period of time that we have. Scrum also emphasizes the importance of daily meetings with the team to discuss progress, obstacles and plan which is vital for producing this software as each of us will be working on different aspects of the software. This means that daily check-ins are extremely important in the progress of software development.