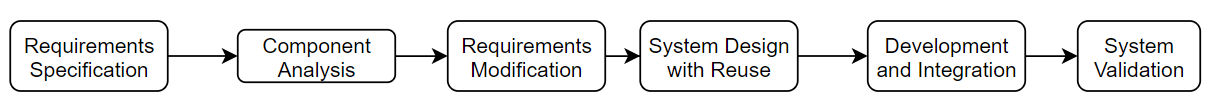
Peter Klembczyk

Assignment 3

Integrate and Configure Process model diagram



**Specification:**

* Create or modify different programs for a replacement course registration system for Wentworth
* Must have students, instructors, and admins that have different levels of access to registration information

**Component Analysis:**

* Research different programs
  + Look for the most ideal, which would be an existing course schedule system
    - CourseStorm: <https://www.coursestorm.com/simple-online-registration/?utm_source=Capterra&utm_medium=PPC&utm_campaign=Capterra&utm_content=Class%20Registration%20Software%20Listing>
    - Regpack: <https://www.regpacks.com/class-registration/?utm_source=Capterra&utm_content=Class&utm_source=capterra>
    - DestinyOne: <https://info.destinysolutions.com/lp-streamline-and-personalize-student-registration?utm_campaign=SAC+C6+-+Q3+Both+-+Software+Portals&utm_medium=classregistration&utm_content=link&utm_source=capterra>
    - LearningStream: <http://unbouncepages.com/learning-stream-education-training-registration-gdm/?directory=registration&channel_SoftwareAdvice=capterra>
  + If that does not exist/satisfy conditions, look for Python libraries that would be beneficial in creating a system like this
    - Schedule builder: <https://schedule.readthedocs.io/en/stable/>
    - SQL database interface: <https://schedule.readthedocs.io/en/stable/>
    - Dates and times: <https://docs.python.org/3/library/datetime.html>

**Requirements Modification:**

* Chose LearningStream for registration system
* Will support different levels of access (student, instructor, admin)
* Additional features that will be included:
  + Gives access to transcripts and grade histories
  + Shares data with admins/deans (averages like GPA, credits, other important statistics
  + Issues certificates of completion
  + Tracks continuing education credits (for master’s programs)

**System Design with Reuse:**

* This program will cover all the features that were required in this project
* Nothing new will need to be added

**Development and Integration:**

* Add data for courses, students, instructors, and admins

**System Validation:**

* Test the program and features, and if a problem arises get in contact with the LearningStream customer support