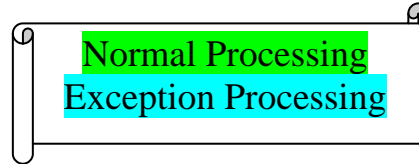


Course Registration System

The Logical/Essential View



Validate student id
Get list of requested courses
For each requested course:
 Validate course
 If course does not exist
 Notify student
 Get alternate course request
 Identify course pre-requisites
 Retrieve student's record
 Confirm that the student satisfies all pre-requisites
 If student satisfies all pre-requisites for the course
 Check seat availability
 If the course is open
 Sign up the student in the course
 Update seat availability
 Otherwise
 Notify the student
 Get alternate course request and repeat the process
 Otherwise
 Notify the student
 Get alternate course request and repeat the process
Send student documentation of final results

The What-Ifs

- *What if the student owes money?*
- *What if the student owes library books?*