Integrate and configure:
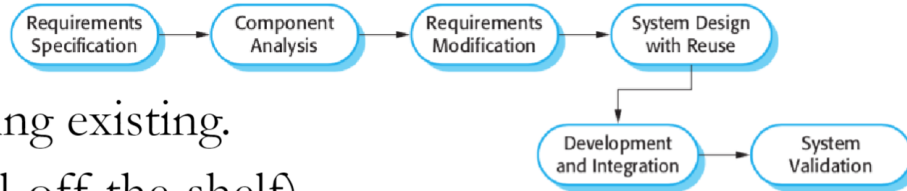

ıng existing.

al-off-the-shelf)

Requirements specifications:
- Create a scheduling system (similar to LeopardWeb) that allows students, faculty, and admin to add courses, search for courses, print schedules, etc.
- Base class: User
- Sub-classes: Student, Instructor, Admin
- Students can:
  1. Can search courses
  2. Add/drop courses
  3. Print their schedule
- Instructors can:
  1. Print their schedule
  2. Print their classlist
  3. Search for courses
- Admins can:
  1. Add/remove courses from the system
  2. Add/remove users from the system
  3. Add/remove students from the course
  4. Search/print rosters and class lists

Requirement modification:
- Base class "User" created along with subclasses Student, Instructor, and Admin

Component analysis:
- Subclasses created to manipulate the User class

System design and reuse:
- Subclasses are used to manipulate these databases:
1. Class list
2. Schedule
3. Student list

Development and integration
- Test the program using different test cases
- Beta code development (after feedback)
- Bug fixes

System validation
- Troubleshoot bugs within system
- Final product ready for deployment