Waterfall

Requirement analysis and definition:

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| Software Specification  Feasibility study: The system can be built with current hardware and software, and it is affordable.  Requirement elicitation and analysis:  Requirement specification:   * All users will have first name, last name and ID as their attributes and print all info for the object. * Students can register, can see available courses and their own schedule. * Can search course. * Can add/drop course. * Can print their schedule. * Instructors can see available courses and their own course roster. * Can print their schedule. * Print their class list. * Search for courses. * Admin can see everything, can edit courses/users/schedule. * Can add/remove course to the system. * Can add/remove users. * Can add/remove students from a course. * Can search and print rosters and course.   Requirement validation: The requirement are realistic and match will what customer wants. |

After completing this step, move on to the next step.

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| Design and Implementation  Architectural design –  Interface design –  Component design –  Database design –  Implement – |

After

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| Validation  Test the system.  Component testing –  System testing –  Acceptance testing – |

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| Software Evolution |