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| Term | Explanation |
| Iterative Evolutionary Software Development Process | A software development approach that involves repeating cycles  (iterations) of planning, designing, implementing, and testing, with each iteration building upon the previous one. |
| Unified Process (UP) | An iterative and incremental software development methodology that  combines aspects of various process frameworks, providing a customizable development process. |
| Time-Boxed | A specific, fixed duration (three weeks in this project) within which a task or set of tasks must be completed. |
| Requirement Analysis | The process of gathering, documenting, and analyzing the needs and constraints of the software system to be developed. |
| Domain Model | A visual representation that describes the conceptual classes or entities  in a domain, along with their relationships and attributes. |
| UML Sequence Diagram | A diagram that shows the interactions between objects in a particular scenario. |
| System Sequence Diagram (SSD) | A UML diagram that shows the interactions between external actors and the system in terms of sequences of messages. |
| Design Class Diagram (DCD) | A type of UML (Unified Modeling Language) diagram that visualizes the structure and relationships between classes in a system during the  design phase of software development. |
| Design Sequence Diagram (DSD) | A type of UML (Unified Modeling Language) diagram that illustrates the interactions between objects or components in a system over time  during the design phase of software development. |
| Student | User of the course registration system. Students can log in with assigned usernames and passwords to interact with the system, view available courses, and register for courses. |
| Advisor | A user role responsible for advising students on course selection in the course registration system. People with this role are assigned to view student records and provide guidance. They can log in to the system with their username and password. |
| Lecturer | A user role representing academic staff responsible for teaching students. Instructors can log in with assigned usernames and passwords to view course details and manage related information. |
| Course Registration | The process through which students select and enroll in courses for a given academic term. It involves interactions between students,  advisors, and the system to ensure a smooth registration experience. |
| Course | A representation of an academic course offered by the department. Each course has details such as a unique identifier, title, description, and  information about prerequisites and sections. |
| Course Section | A specific instance of a course offered in a particular term. Each section may have its schedule, location, and maximum capacity for students. |
| Transcript | A record of a student's academic performance, including the courses taken, grades received, and overall performance. It serves as an official  document summarizing a student's educational history. |