

UML software process

Requirements determination

- i. Determine requirements using primary requirements determination techniques
- ii. Draw use case diagrams and scenarios
- iii. Draw activity or state behavioral diagrams

Design - architecture

- a. Draw class diagram
 - i. Draw abbreviated class diagram
 - ii. Determine operations and attributes
- b. Draw interaction diagrams

Detailed design

- i. Design class methods as algorithms and data structures – activity diagrams
- ii. Design database

Implementation - Code modules

UML RUP software process

Rational unified process (RUP) – It consist of four iterations

Inception – The boundaries of system are determine and budget prepared. Establish context of systems and external entities it will interact with

Elaboration - Risks identified and evaluated

construction- Construction of software system

Transition - Transit from development to production