

Requirements Specification

By

Phoenix Tech

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WELCOME

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AGENDA

- ***Introductions***
- Problem Overview
- Use Case Narratives
- UML Use Case Diagram
- Data Flow Diagrams
- Functional Requirements Inventory
- Waterfall Model
- Semester Timeline
- Summary
- What's Next

TEAM MEMBERS

- Erica Weisgerber.....Team Leader
- Jessica Edmonds.....Webmistress
- Anthony Torres.....System Administrator
- Marc Iuliano.....Information Specialist

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PROBLEM OVERVIEW

- Dynamic and interactive way to learn
- Easy access to many questions
- Instant feedback for Students
- Grade tracking for Instructors

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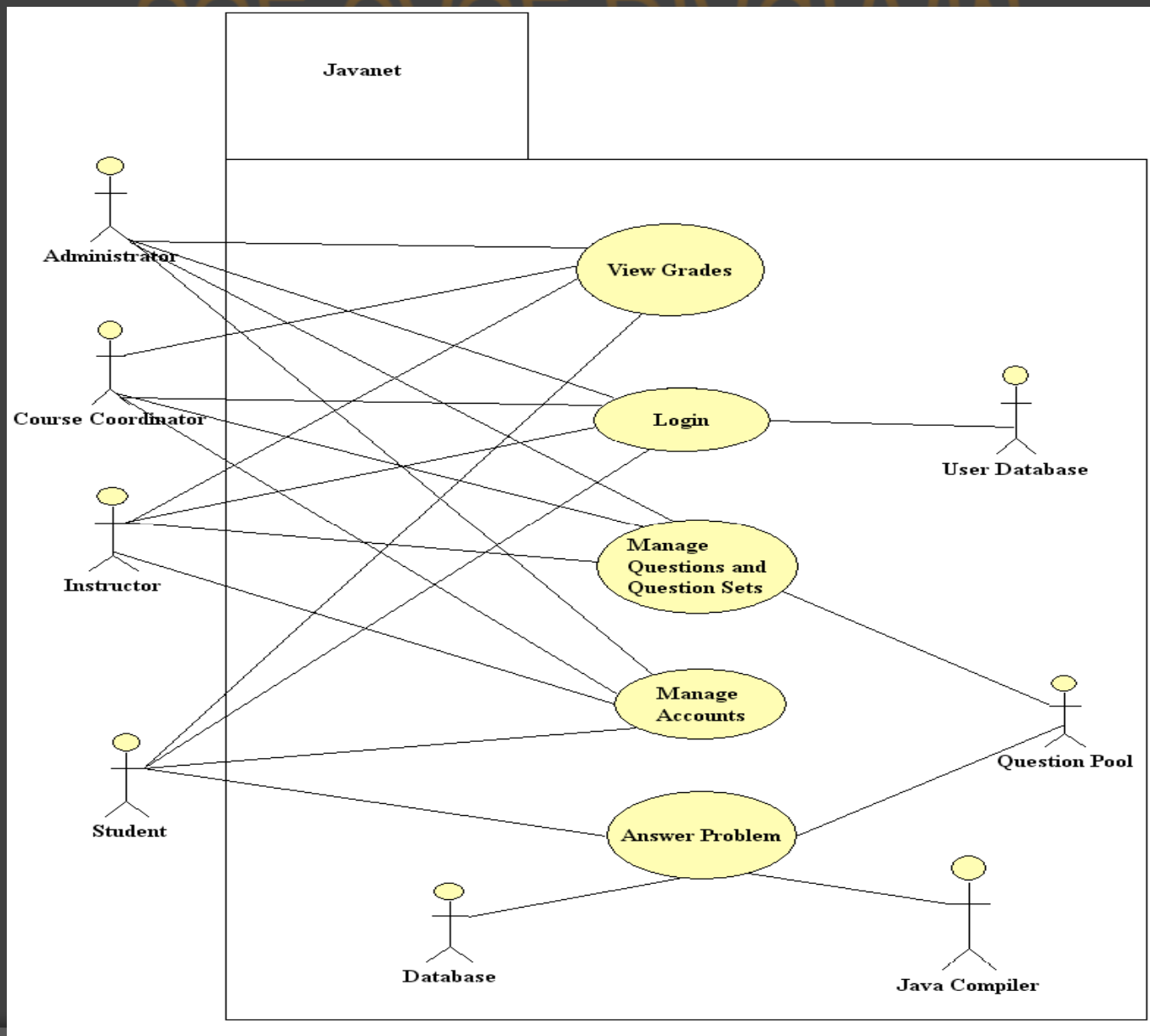
USE CASE NARRATIVES

- Administrator
- Course Coordinator
- Instructor
- Student

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USE CASE DIAGRAM

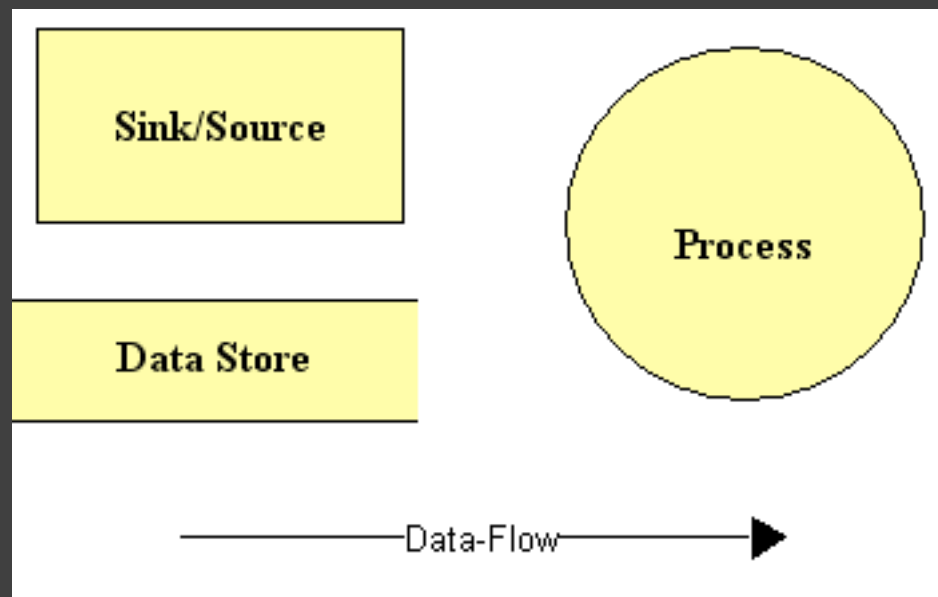


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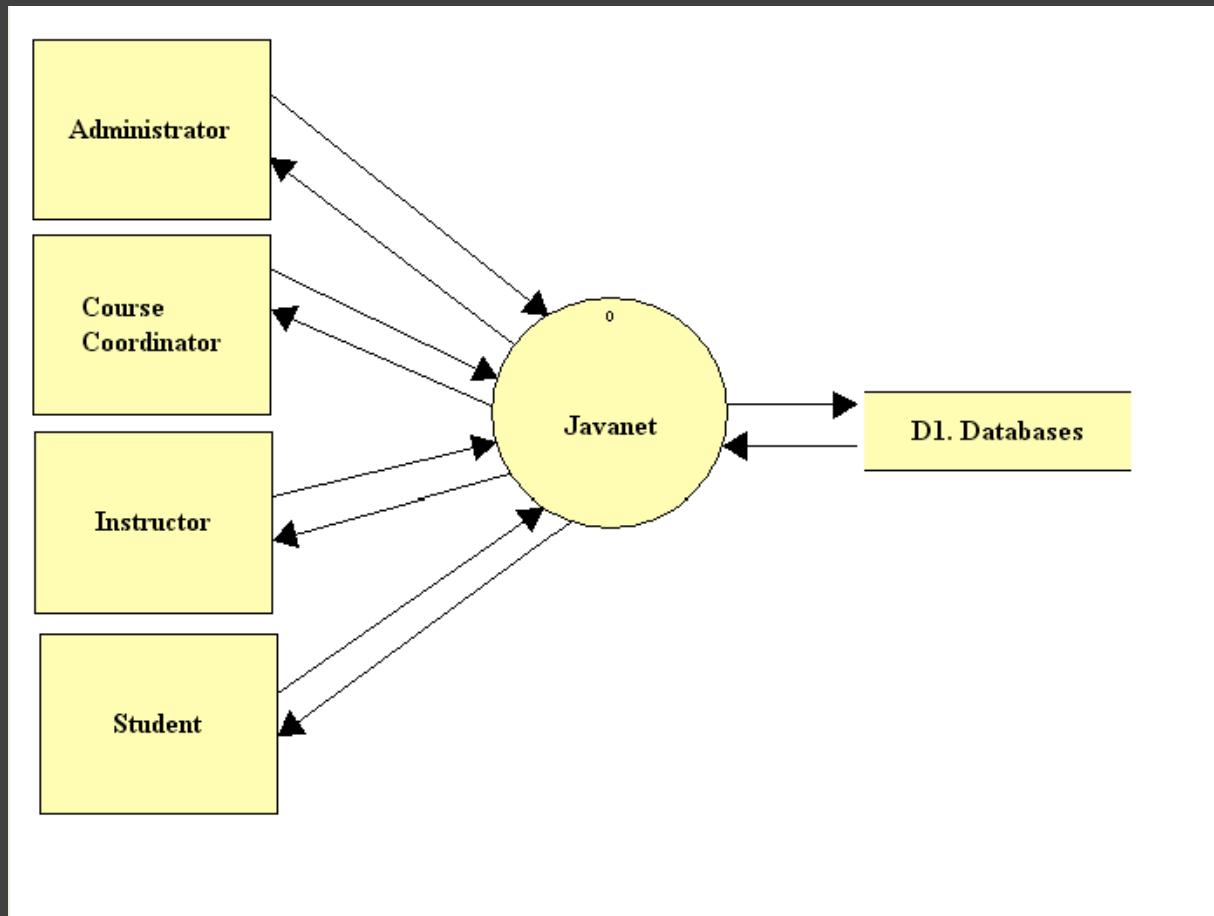
DATA FLOW DIAGRAMS

Key



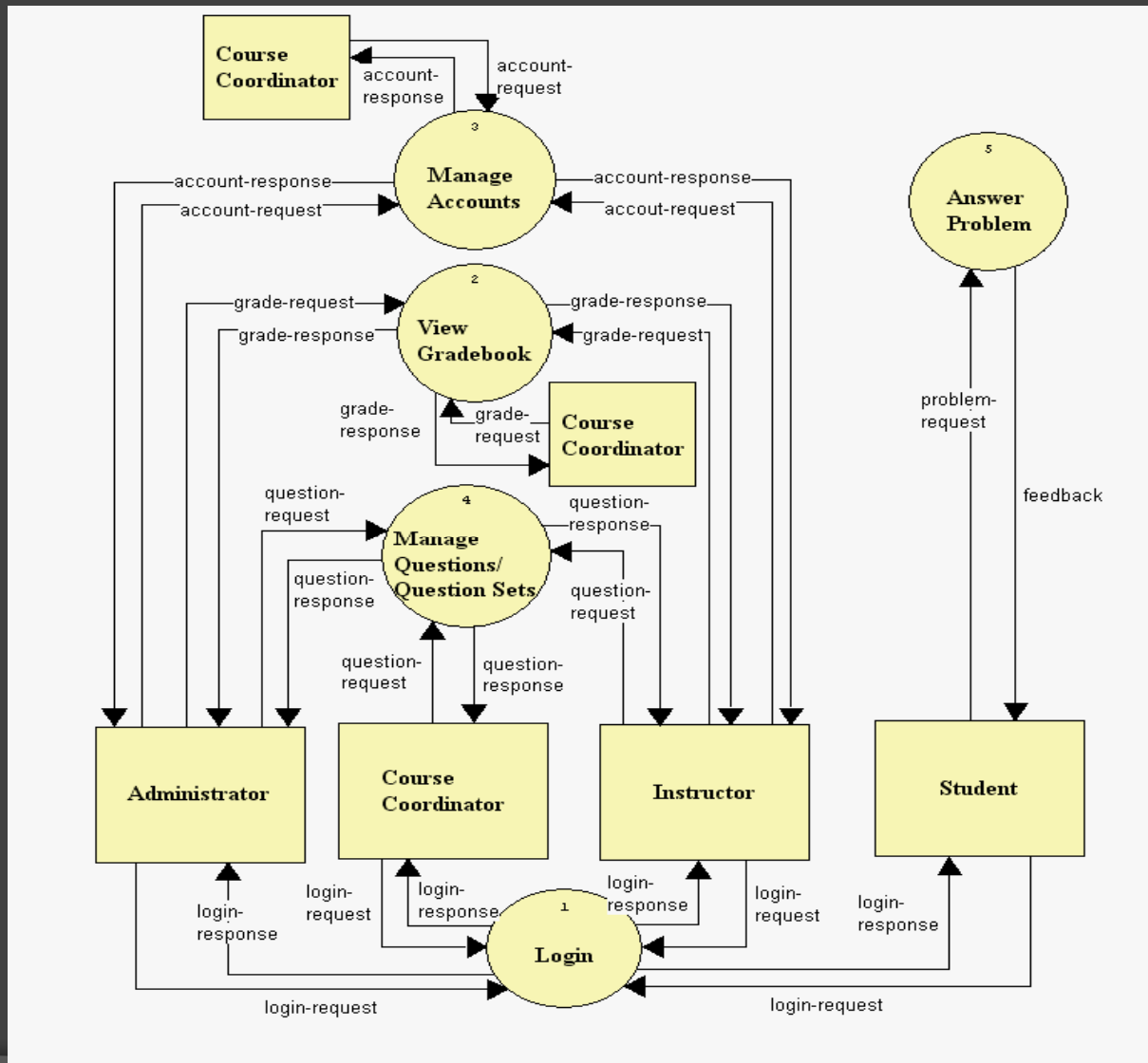
DATA FLOW DIAGRAMS

Context Diagram



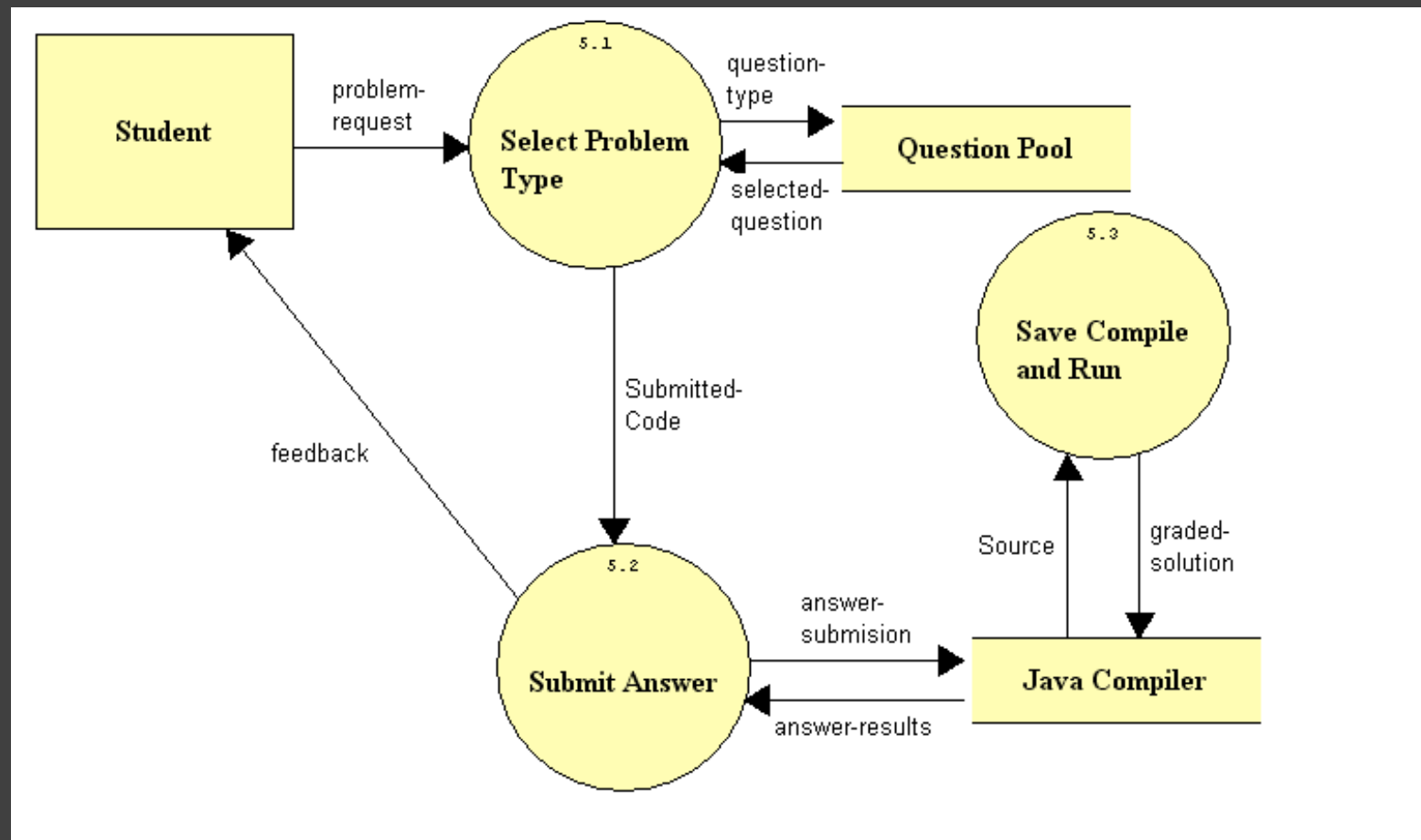
DATA FLOW DIAGRAMS

Level 0



DATA FLOW DIAGRAMS

Level 1



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FUNCTIONAL REQUIREMENTS INVENTORY

Administrator

- Manage accounts
- Submit statistical data
- Manage questions/question sets
- Traverse view modes

FUNCTIONAL REQUIREMENTS INVENTORY

Course Coordinator

- Manage all sections of a course
- Manage the Course Pool
- Change grades
- View Student progress

FUNCTIONAL REQUIREMENTS INVENTORY

Instructor

- Manage private questions/question sets
- Review students' results
- Change grades
- View Student progress

FUNCTIONAL REQUIREMENTS INVENTORY

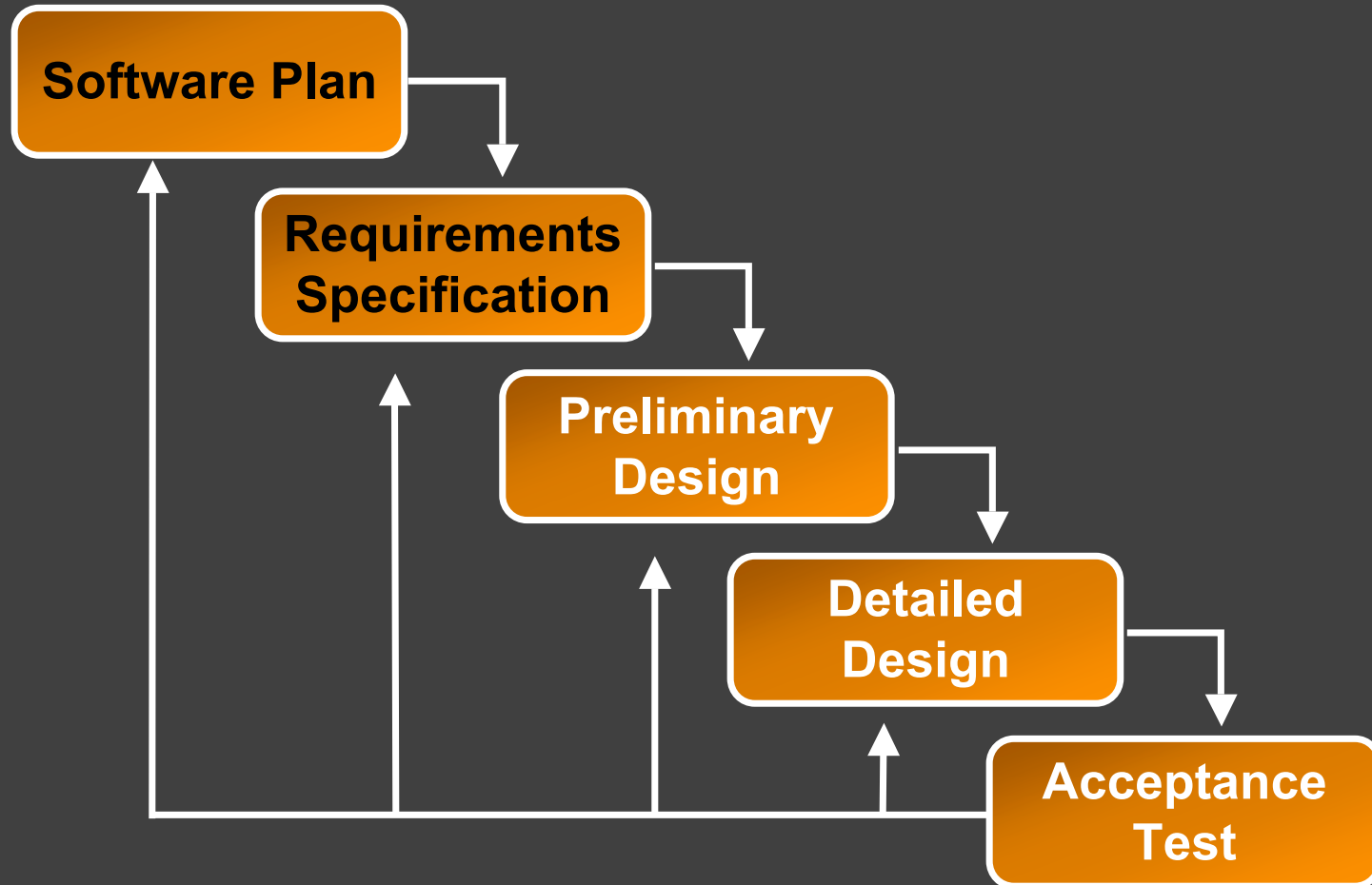
Student

- Self-enrollment
- Answer questions/question sets
- View grades
- Review previous assignments
(with Instructor permission)

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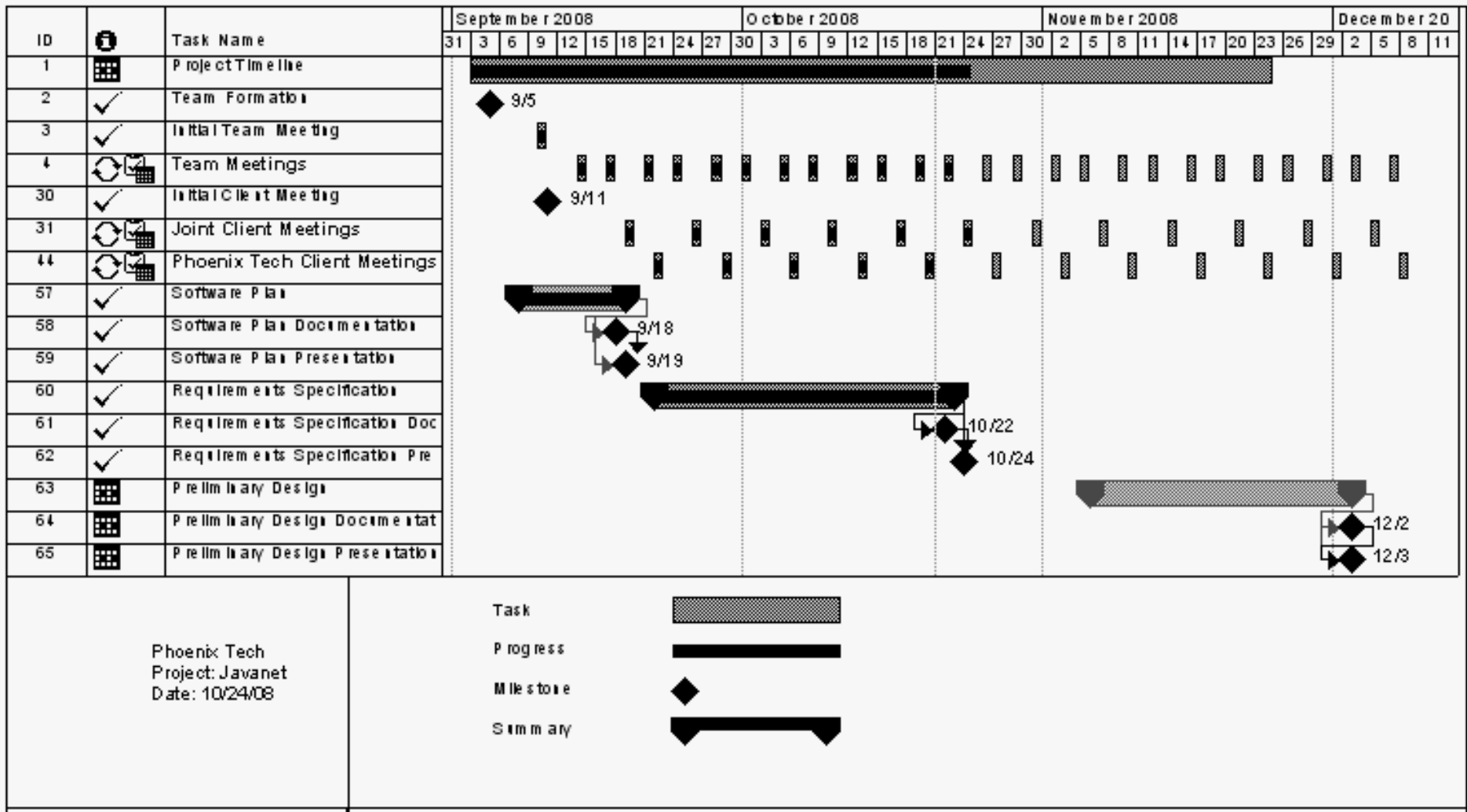
WATERFALL MODEL



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SEMESTER TIMELINE



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WHAT'S NEXT

- Preliminary Design - December 1, 2008
- Detailed Design - Spring 2009
- Acceptance Test - Spring 2009

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SUMMARY

Any Questions?

😊 *THANK YOU!* 😊

We look forward to working
with you on this project!