Preliminary Design

Automated Excel Grading System

Welcome

Ms. Jami Cotler and Dr. Scott Hunter
And Guests
Agenda

• Project Overview - Brian
• Data Flow Diagrams - Josh
• Unit Testing - Jim
• Prototype Screens - Vinnie
• What’s Next - Brian
Project Overview

• Web Based System
• Students submit labs and pre-labs
• System grades files
• Error reporting
• Keeps track of grades
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Data Flow Symbols

- **Data Store**
- **Sources (users)**
- **Processes**
- **Data-Items**
Context Diagram
Level 1-Student User

Diagram:
- Student Interface
- Login
- Register
- Upload Files
- View Feedback
- Database

Flow paths:
- Login to Student Interface
- Register to Student Interface
- Upload Files to Student Interface
- View Feedback to Student Interface
- Student Interface to Login
- Student Interface to Register
- Student Interface to Upload Files
- Student Interface to View Feedback
- Login to Database
- Register to Database
- Upload Files to Database
- View Feedback to Database
- Database to Login
- Database to Register
- Database to Upload Files
- Database to View Feedback

11/28/06 Preliminary Design
Level 3- Lecture Instructor

Diagram:

- Login (1)
  - Login-Info
  - Confirmation
  - Database

- Sort By (2)
  - Sort-Criteria
  - Student-List

- View Feedback (3)
  - Grades
  - Grade-Request

Lecture Instructor Interface

Dependencies:
- Login-Info to Lecture Instructor Interface
- Lecture Instructor Interface to Sort By
- Lecture Instructor Interface to View Feedback
- Sort By to Database
- View Feedback to Database

Date: 11/28/06
Level 4- Course Admin
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Prototype Screens
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What’s Next

• Detailed Design Document
  – February 19th 2007

• Detailed Design Presentation
  – February 20th 2007
Summary

• Any Questions or Comments

• Thank You