Requirements Specification

Automated Excel Grading System

Welcome

Ms. Cotler and Dr. Hunter
Introduction

• Brian Salmon- Team Leader
• Jim Dzembo- Web Master
• Chris Mahar- Web Developer
• Vincent Leone- Librarian
• Josh Yerkie- Systems Administrator
Agenda

• Use Case
• Data Flow Diagrams
• Prototype Screenshots
• Functional Requirements
• What's Next
• Summary
Use Case: Student User

- Log into secure system
- Create their own accounts
- Upload labs and pre-labs
- View report with all errors and omissions
- View grades
Use Case: Lab Instructor

- View students grades and files
- View report on students errors
- Change students grades if necessary
- Sort students by lab section and number
Use Case: Lecture Instructor

• View students lab grades

• Sort students by lecture section and lab number
Use Case: Course Administrator

- Edit student accounts
- Override any grades or registration errors
- Submit keys for grading
- All Lab and Lecture Instructor features
Agenda

• Use Case
• Data Flow Diagrams
• Prototype Screenshots
• Functional Requirements
• What's Next
• Summary
Data Flow Symbols

- Data Store
- Sources (users)
- Processes
- Data-Items
Data Flow Diagrams: Level 0
Data Flow Diagrams: Level 1
Data Flow Diagrams: Level 2- Grading System
Data Flow Diagrams: Level 3- User Interface
Agenda

- Use Case
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- Functional Requirements
- What's Next
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Login Screen

Automated Excel Grading System

Username: 
Password: 

Submit Query

Don't Have a Username? Register Here

Forgot your Password? Click Here
Account Register View

Edit Student Information

Name
Username
Password
Confirm Password
Email Address
Lecture Section
Lab Section

Register
### Student View

#### Assignment 1
- **Due**: 10/20/06, 10/20/06, 10/20/06
- **Submitted**: 10/18/06, 10/18/06, 10/18/06
- **Score**: 23/25, 24/25, 23/25
- **Total Score**: 72/75

#### Assignment 2
- **Due**: 10/26/06, 10/26/06, 10/26/06
- **Score**: 

#### Assignment 3
- **Due**: 10/31/06, 10/31/06, 10/31/06
- **Score**: 

#### Assignment 4
- **Due**: 11/06/06, 11/06/06, 11/06/06
- **Score**: 

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Lab Instructor View 1

Welcome "Lab Instructor"

Choose Lab Section To View

Section 1

Choose Lab Number To View

Lab 1

View
Lab Instructor View 2

<table>
<thead>
<tr>
<th>Name</th>
<th>Assignment</th>
<th>Total</th>
<th>File 1</th>
<th>File 2</th>
<th>File 3</th>
<th>Date Submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student, A</td>
<td>Lab 1</td>
<td>73/75</td>
<td>23/25</td>
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<td>24/25</td>
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</tr>
<tr>
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Welcome "Lecture Instructor"

Choose Lecture Section To View

Section 1

Choose Lab Number To View

Lab 1

View
### Lecture Section 2

<table>
<thead>
<tr>
<th>Student</th>
<th>Lab Section</th>
<th>Lab Number</th>
<th>Lab Grade</th>
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<td>73/75</td>
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<tr>
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<td>Student, B</td>
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<td>3</td>
<td>74/75</td>
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Course Administrator View 1

Welcome "Course Administrator"

Choose Lecture Section To View

Choose Section

Choose Lab Section To View

Choose Section

Choose Lab Number To View

Lab 1

View

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### Course Administrator

#### Lab Section #1

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Course Administrator View 3

Edit Student Information

Name
Username
Password
Lecture Section
Lab Section

Submit Changes
Agenda

- Use Case
- Data Flow Diagrams
- Prototype Screenshots
- Functional Requirements
- What's Next
- Summary
Functional Requirements

- Secure Web based system
- Excel File Grading System
- Error Reporting
- Viewable Grades
- Achieve All User Case Features
Non-Functional Requirements

- User-friendly interface
- Quick turnaround time on grading pre-labs
- Ease of use for all users
Agenda

- Use Case
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- Summary
What’s Next
Agenda

- Use Case
- Data Flow Diagrams
- Functional Requirements
- Prototype Screenshots
- What's Next
- Summary
Summary and Questions

- Any Questions?
- Thank you for your time and attention