Graduate Student Information System (gSIMS) Walkthrough

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Outline

- Introduction
 - Project Details
 - Requirements
 - Analysis
 - Architecture
 - Iteration 1
 - Iteration 2
 - Test Plans





The Project
Requirements
Analysis
Architecture
Iteration 1
Iteration 2

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Project Inception

- Use itemize a lot.
- Use very short sentences or short phrases.





The Team

You can create overlays...

- using the pause command:
 - First item.
 - Second item.
- using overlay specifications:
 - Second item
- using the general uncover command:
 - First item
 - Second item.



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The Project Requirements Analysis Architecture Iteration 1 Iteration 2

Problem Definition



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Scope

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Interfaces

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Graphical User Interface



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Electrical Device Interface

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System Features



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Constraints

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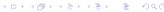
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Oranizing Data



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Conceptual Model of the Student



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Critical Assumptions



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Hardware

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Software

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Network Protocols and Schemes

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REST Web Applications



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Perl Batch Services



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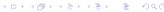
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System Features



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Intrinstic Data of a Student



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Role Based Authentication



Iteration 2

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System Features



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Unit Tests



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Integration Testing



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System Integration Testing



Summary

- Requirements and Analysis has received direct user feedback.
- Architecture based of the Analysis has been clarified and prototyped.
- The iterative Software Life Cycle has produced useful work quickly and with less effort.
- A strong emphasis on 3 testing levels is present from the starting.

