

# Documentation Explanation

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Mashup Visual Programming (MVP) Environment  
Project Representing Computer Science



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This brief guide is an explanation of the documentation required by the Computer Science Department's Senior Design Curriculum and a road map of references to parts of the documents that highlight important portions of them.

## The Documentation:

- [Software Requirements Specification \(SRS\)](#): An official statement of what is required by the developers, focusing on what the software system should do, rather than how it should do it. It specifies the main components and behavior of the system and discusses constraints on the implementation.
- [Acceptance Test Plan \(ATP\)](#): A description of the tests that will be executed when the final product has been delivered. The product will be considered successful if and only if it passes this list of tests.
- [Software Design Specification \(SDS\)](#): A technical document which shows how the development team will satisfy the requirements listed in the SRS. It describes the system architecture and specifies its components down to classes and has one or more diagrams to explain the overall structure of the software system implementation.
- [Integration Test Plan \(ITP\)](#): A plan which describes the tests that will be used to verify that the software components were properly assembled after being built using the component descriptions in the SDS.

For more information on these types of documents, please visit the Computer Science Department's Curriculum Website for the [Senior Design Workshop](#).

## References to Important Portions:

- Problem Statement:
  - [SRS](#) Section 1.6
  - [SRS](#) Section 2.3
  - [SDS](#) Section 1.2
  - Presentation on June 2, 2010
- Constraints:
  - [SRS](#) Section 2.4
  - [ATP](#) Document (Tests the Product Must Pass)
  - [ITP](#) Document (Tests the Product Must Pass)
  - Presentation on June 2, 2010
- Effective Solution/Results:
  - [SRS](#) Sections 3-6 (Complete Product Requirements)
  - [SDS](#) Sections 2-6 (Complete Product Design)
  - Presentation on June 2, 2010
- Solution Justification:
  - Presentation on June 2, 2010
- Economic Analysis:
  - Presentation on June 2, 2010
- Overall Conclusions:
  - Presentation on June 2, 2010