

To our document reviewers:

We felt that the provided template for the design document and project plan did not fit well with our project in all cases. After discussing this with Dr. Mina, we have reorganized the presentation of our information in both documents. In some cases, a section in the design document template will be found in the project plan and vice versa. All requisite information has been covered. See the tables below for the mapping of the template to the sections of our documents in which that content can be found.

We also feel that in order to communicate effectively, we must define the communication goals that drive development of our documents.

Project plan goal: Communicate the background, current state, future work definitions, and considerations involved in developing our project.

Design document goal: Communicate the design of our project such that another team could use this document to create a functionally identical system, providing justification and discussion where necessary.

Thank you for taking the time to review our documents and provide your critiques.

Team Butterfly (Dec13-08)

Provided project plan template	Containing section
1. Problem and need statements	Project Plan > Problem Statement
2. Concept sketch	Design Doc > Background > Concept Sketch
3. System block diagram	Design Doc > System Design > Architecture
4. System description	Design Doc > System Design
5. Operating Environment	Project Plan > Problem Statement Project Plan > Project Management > Resources
6. User interface description	Design Doc > Detailed design > App User Interface
7. Requirements (functional and non-functional)	Design Doc > Background > Functional/Non-functional requirements
8. Market and literature survey	Project Plan > Problem Statement > Market and Literature Survey
9. Deliverables	Project Plan > Problem Statement > Deliverables

10. Project management	Project Plan > Project Management
-Work breakdown structure	Project Plan > Project Management > Work Breakdown Structure
-Resource requirements	Project Plan > Project Management > Resources
-Project schedule	Project Plan > Project Management > Timeline
-Risks	Project Plan > Project Management > Risks and Mitigation Strategies

Provided Design Doc Template	Containing Section
1. System Design	Design Doc > System Design
-Concept sketch	Design Doc > Background > Concept Sketch Design Doc > System Design > System Requirements
-System requirements	Design Doc > System Design > System Requirements
-Functional decomposition	Design Doc > System Design > Functional Decomposition
-System analysis	Design Doc > System Design > System Analysis
-Technology platforms/choices	Design Doc > System Design > System Analysis
2. Detailed Design	Design Doc > Detailed Design
-System architecture (block diagram)	Design Doc > System Design > Architecture
-Input/output specification (interface design)	Design Doc > Detailed Design > Component Interfaces
-Design for each functional module	Design Doc > Detailed Design > ...
-User interface specification	Design Doc > Detailed Design > App User Interface
-Hardware and/or software specification	Design Doc > Detailed Design > ...
3. Testing and Evaluation Plan	Project Plan > Testing and Evaluation
-Test plan	Project Plan > Testing and Evaluation

-Prototyping	Project Plan > Testing and Evaluation > Prototype and Beta Release
4. Basic Implementation	Project Plan > Current Project Status
-Basic building blocks	Project Plan > Current Project Status
-Familiarity with platforms/tools	Project Plan > Current Project Status
-Simulations	N/A