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Author,

Team Members,

Mentor/Teacher,

Project Development Report

Project Title:

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# PROJECT OVERVIEW

# DEFINING AND UNDERSTANDING THE PROBLEM

### Identification of the problem

### Consideration of social and ethical issues

### Ideas generation

### Interface design

### Communication with others involved in the proposed system

# PLANNING AND DESIGNING 6

### Software Development Approach

Selection and justification of software development approach.

### Project Plan

Project plan, including Gantt Chart and descriptors of components to be completed and by whom.

### Software Design

Design of software with reference to appropriate design tools including

Data Dictionary  
Flow Charts  
Structure Charts  
Storyboards for GUI (if using GUI and appropriate)

# IMPLEMENTING

### Implementation Strategies

Discussion of implementation strategies including who will develop what and how modules will be joined.

### Module Design

Design of mainline and sub-functions, Use of pseudocode, flowcharts and Python code fragments supporting how you developed the designed concept.

### Implementation Errors

Errors, A discussion of errors that occurred including syntax, logic and runtime. Screen shots of runtime or code that contained errors.

# TESTING AND EVALUATION

Testing

A description of testing methods used with justification in the context of your application.  
A description of test data used with justification

The actual test data with results and analysis, this should be in the form of teat data tables with an analysis paragraph after each test data table.

Evaluation

A direct comparison of the developed product to the initial requires as defined in the requirements section.

IF Agile or Prototyping approach is used…  
Then

WHILE software not finished:

# REDEFINING AND UNDERSTANDING THE PROBLEM

# PLANNING AND DESIGN

# IMPLEMENTING

Continue from here

# MAINTENANCE OF THE SOFTWARE

A description of what maintenance will be necessary to ensure the longevity of the software. This will include the time frame for software/system maintenance and the methods.