

# **Project Management Document**

**Date: 31/03/2012 – 13/04/2012**

## **1) Activity list**

- a. Formulation of the problem
  - i. Reading relevant background information: 0 Hours
  - ii. Understanding and documenting the requirements: 0 Hours
  - iii. Discussions: 1 Hours
- b. Designing a solution, documentation: 2 Hours
- c. Relevant learning: 2 Hours
- d. Coding and unit testing: 18 Hours
- e. Documentation: 3 Hours
- f. Testing: 12.5 Hours
- g. Reviews: 1 Hours
- h. Re-work and de-bugging: 6 Hours

## **2) Project Plan**

### **1. Documentation**

Responsible People: Eashwar, Nishanth, Anil, Vyshak.

Start Date: 14.03.2012

End Date: 18.04.2012

### **2. Integration testing**

Responsible People: Eashwar, Nishanth, Anil, Vyshak.

Start Date: 14.04.2012

End Date: 15.04.2012

### 3) Testing Strategy

a. For each requirement, test transactions, expected results:

sl.no	requirement	test transaction	expected result
1.	incorporating flash, videos, audio features(multimedia based features)	sample .swf, .wmv, .mp3 files provided as input	corresponding files were rendered successfully
2.	Requirement of Richtext feature	Richtext provided in a richtextbox	Corresponding richtext gets saved in a .rtf file successfully upon clicking 'save' button "Correct answer" message is displayed if user clicks on the correct answer and a "wrong answer" message is displayed if user clicks on the wrong answer.
3.	Quiz type of interaction	User needs to click on one of the four options provided as answers to the question	

b. Test cases for the design:

c. Test cases & expected results for integration

- Module integration:

sl.no	requirement	test transaction	expected result
1.	template based design	user is provided the flexibility to choose his/her own template	corresponding template gets loaded successfully

- User Interface integration: Same as above

d. Test data, expected results for unit testing:

sl.no	test data	expected results
1.	sample.swf(flash)	flash object successfully loaded

		into its placeholder
2.	sample.wmv(video)	video object successfully loaded into its placeholder
3.	sample.mp3(audio)	audio object successfully loaded into its placeholder
4.	The text "HELLO WORLD" provided as richtext with 'bold' property.	Richtext successfully saved in 'sample.rtf' file alongwith its richtext properties(here, bold property)
5.	Upon clicking 'finish' button, XML file containing metadata needs to be generated. XML filename given: sample.XML	XML file with metadata gets created with the name provided by the user initially(sample.XML) in the respective project folder location.
6.	User clicks on option 'A' in the quiz	"Correct answer" message is displayed in the label.
	User clicks on option 'B' in the quiz	"Wrong answer" message is displayed in the label.
7.	template1.zip	Reader tool opens the .zip file properly using first template.
8.	template2.zip	Reader tool opens the .zip file properly using second template.
9.	template3.zip	Reader tool opens the .zip file properly using third template.
10.	template4.zip	Reader tool opens the .zip file properly using fourth template.
11.		Reader tool does not open the .zip file.

12.	abc.zip	
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e. For each of the above testing activities:

Schedule:

sl.no	testing activity	schedule
1.	Flash Object embedding	29/03/2012
2.	Video Object embedding	26/03/2012
3.	Audio Object embedding	27/03/2012
4.	Richtext feature	28/03/2012
5.	XML File generation	25/03/2012 - 29/03/2012
6.	Quiz validation	12/04/2012
7.	template checking in reader tool	12/04/2012

Responsible person:

Sl.no	Testing activity	Responsible person
1.	Flash object embedding	Vyshak
2.	Video	Eashwar
3.	Audio	Anil
4.	Richtext	Eashwar
5.	XML File generation	Nishanth
6.	Quiz validation	Vyshak & Anil
7.	template checking in reader tool	Eashwar & Nishanth

Placement of test cases, test data & expected results (folder/files): Not Applicable yet

**Date: 17/03/2012 – 30/03/2012**

## 1) Activity list

a. Formulation of the problem

- i. Reading relevant background information: 0 Hours
- ii. Understanding and documenting the requirements: 0 Hours
- iii. Discussions: 1 Hours
- b. Designing a solution, documentation: 1 Hours
- c. Relevant learning: 3.5 Hours
- d. Coding and unit testing: 12.5 Hours
- e. Documentation: 1 Hour
- f. Testing: 2 Hours
- g. Reviews: 1 Hours
- h. Re-work and de-bugging: Not Yet Decided

## **2) Project Plan**

### **1. Development of Reader tool**

Responsible People: Eashwar, Nishanth, Anil, Vyshak.

Start Date: 31.03.2012

End Date: 13.04.2012

### **2. Development of Proprietary Form**

Responsible People: Eashwar, Nishanth, Anil, Vyshak.

Start Date: 31.03.2012

End Date: 13.04.2012

### **3. Integration**

Responsible People: Eashwar, Nishanth, Anil, Vyshak.

Start Date: 31.03.2012

End Date: 13.04.2012

### 3) Testing Strategy

a. For each requirement, test transactions, expected results:

sl.no	requirement	test transaction	expected result
1.	incorporating flash, videos, audio features(multimedia based features)	sample .swf, .wmv, .mp3 files provided as input	corresponding files were rendered successfully
2.	Requirement of Richtext feature	Richtext provided in a richtextbox	Corresponding richtext gets saved in a .rtf file successfully upon clicking 'save' button

b. Test cases for the design:

c. Test cases & expected results for integration

- Module integration:

sl.no	requirement	test transaction	expected result
1.	template based design	user is provided the flexibility to choose his/her own template	corresponding template gets loaded successfully

- User Interface integration: Same as above

d. Test data, expected results for unit testing:

sl.no	test data	expected results
1.	sample.swf(flash)	flash object successfully loaded into its placeholder
2.	sample.wmv(video)	video object successfully loaded into its placeholder
3.	sample.mp3(audio)	audio object successfully loaded into its placeholder

4.	The text "HELLO WORLD" provided as richtext with 'bold' property.	Richtext successfully saved in 'sample.rtf' file alongwith its richtext properties(here, bold property)
5.	Upon clicking 'finish' button, XML file containing metadata needs to be generated. XML filename given: sample.XML	XML file with metadata gets created with the name provided by the user initially(sample.XML) in the respective project folder location.

e. For each of the above testing activities:

Schedule:

sl.no	testing activity	schedule
1.	Flash Object embedding	29/03/2012
2.	Video Object embedding	26/03/2012
3.	Audio Object embedding	27/03/2012
4.	Richtext feature	28/03/2012
5.	XML File generation	25/03/2012 - 29/03/2012

Responsible person:

Sl.no	Testing activity	Responsible person
1.	Flash object embedding	Vyshak
2.	Video	Eashwar
3.	Audio	Anil
4.	Richtext	Eashwar
5.	XML File generation	Nishanth

Placement of test cases, test data & expected results (folder/files): Not Applicable yet

**Date: 03/03/2012 – 16/03/2012**

**1) Activity list**

- a. Formulation of the problem
  - i. Reading relevant background information: 0 Hours
  - ii. Understanding and documenting the requirements: 1 Hours
  - iii. Discussions: 4 Hours
- b. Designing a solution, documentation: 1 Hours
- c. Relevant learning: 5 Hours
- d. Coding and unit testing: 15 Hours
- e. Documentation: 1 Hour
- f. Testing: Not Yet Decided
- g. Reviews: 1 Hours
- h. Re-work and de-bugging: Not Yet Decided

**2) Project Plan**

- 1. Development of authoring tool (with further functionalities )

Responsible People: Eashwar, Vyshak.

Start Date: 16.03.2012

End Date: 30.03.2012

- 2 Development of reader tool (with installing active X controls and make it compatible)

Responsible People: Anil, Nishanth.

Start Date: 16.03.2012

End Date: 30.03.2012



### **3) Testing Strategy**

a. For each requirement, test transactions, expected results: Not Applicable yet

b. Test cases for the design: Not Applicable yet

c. Test cases & expected results for integration

- Module integration: Not Applicable yet

- User Interface integration: Not Applicable yet

d. Test data, expected results for unit testing: Not Applicable yet

e. For each of the above testing activities:

Schedule: Not Applicable yet

Responsible person: Not Applicable yet

Placement of test cases, test data & expected results (folder/files): Not Applicable yet

**DATE: 20/02/2012 - 02/03/2012**

### **1) Activity list**

a. Formulation of the problem

i. Reading relevant background information: 0 Hours

ii. Understanding and documenting the requirements: 1 Hours

iii. Discussions: 2 Hours

b. Designing a solution, documentation: 1 Hours

c. Relevant learning: 3 Hours

d. Coding and unit testing: 8 Hours

e. Documentation: 1 Hours

f. Testing: Not Yet Decided

g. Reviews: 1 Hours

h. Re-work and de-bugging: Not Yet Decided

### **2) Project Plan**

## **1.Development of authoring tool (prototype with basic functionalities. This would be refined further)**

Responsible People: Eashwar, Anil, Vyshak, Nishanth

Start Date: 02.03.2012

End Date: 16.03.2012

### **3) Testing Strategy**

- a. For each requirement, test transactions, expected results: Not Applicable yet
- b. Test cases for the design: Not Applicable yet
- c. Test cases & expected results for integration

- Module integration: Not Applicable yet
- User Interface integration: Not Applicable yet

- d. Test data, expected results for unit testing: Not Applicable yet
- e. For each of the above testing activities:

Schedule: Not Applicable yet

Responsible person: Not Applicable yet

Placement of test cases, test data & expected results (folder/files): Not Applicable yet

**DATE: 03/02/2012 - 17/02/2012**

### **1) Activity list**

- a. Formulation of the problem
  - i. Reading relevant background information: 1 Hour
  - ii. Understanding and documenting the requirements: 3 Hours
  - iii. Discussions: 2 Hours
- b. Designing a solution, documentation: 1 Hours
- c. Relevant learning: 3 Hours
- d. Coding and unit testing: Not Yet Decided
- e. Documentation: 1 Hour
- f. Testing: Not Yet Decided
- g. Reviews: 0.5 Hours
- h. Re-work and de-bugging: Not Yet Decided

### **2) Project Plan**

## **1.Development of authoring tool (prototype with basic functionalities. This would be**

**refined further)**

Responsible People: Eashwar, Anil, Vyshak, Nishanth

Start Date: 20.02.2012

End Date: 02.03.2012

### **3) Testing Strategy**

a. For each requirement, test transactions, expected results: Not Applicable yet

b. Test cases for the design: Not Applicable yet

c. Test cases & expected results for integration

- Module integration: Not Applicable yet

- User Interface integration: Not Applicable yet

d. Test data, expected results for unit testing: Not Applicable yet

e. For each of the above testing activities:

Schedule: Not Applicable yet

Responsible person: Not Applicable yet

Placement of test cases, test data & expected results (folder/files): Not Applicable yet

**DATE: 20/01/2012 - 03/02/2012**

### **1) Activity list**

a. Formulation of the problem

i. Reading relevant background information: 20 Hours

ii. Understanding and documenting the requirements: 7 Hours

iii. Discussions: 5 Hours

b. Designing a solution, documentation: Not Yet Decided

c. Relevant learning: Not Yet Decided

d. Coding and unit testing: Not Yet Decided

e. Documentation: Not Yet Decided

f. Testing: Not Yet Decided

g. Reviews: Not Yet Decided

h. Re-work and de-bugging: Not Yet Decided

### **2) Project Plan**

**1. Learning & getting hands-on experience on Microsoft .NET framework**

Responsible People: Eashwar, Anil, Vyshak, Nishanth

Start Date: 03.02.2012

End Date: 15.02.2012

## **2. Study on the project schema required:**

Responsible People: Eashwar and Anil

Start Date: 03.02.2012

End Date: 12.02.2012

## **3. Understanding the working of AIMSS tool**

Responsible People: Vyshak and Nishanth

Start Date: 03.02.2012

End Date: 12.02.2012

## **3) Testing Strategy**

a. For each requirement, test transactions, expected results: Not Applicable yet

b. Test cases for the design: Not Applicable yet

c. Test cases & expected results for integration

- Module integration: Not Applicable yet

- User Interface integration: Not Applicable yet

d. Test data, expected results for unit testing: Not Applicable yet

e. For each of the above testing activities:

Schedule: Not Applicable yet

Responsible person: Not Applicable yet

Placement of test cases, test data & expected results (folder/files): Not Applicable yet