

# Document Engineering-Custom e-books

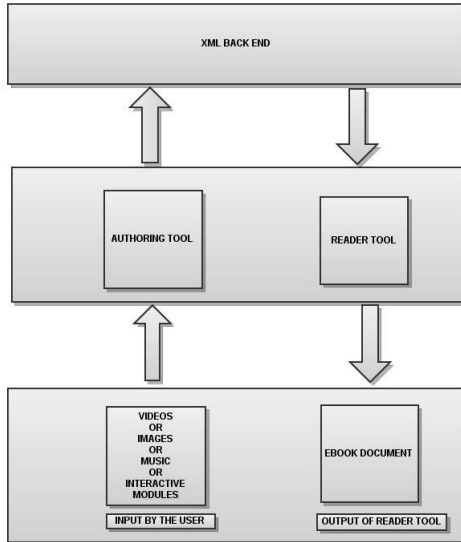
## Team Composition

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|------------------------|-----------|
| 1. Eashwar V           | MT2011041 |
| 2. Nishanth TS         | MT2011092 |
| 3. V Anil Kumar Gontla | MT2011165 |
| 4. Vyshak GV           | MT2011174 |

# Project Description...

Interactive electronic document allows the user to interact with the computer. Apart from interactions, the document can comprise of text, images, videos and music. The objective is to build an authoring tool that creates an interactive document and a reader which reads the document.

# Proposed Architecture...



# Technologies Used...

1. XML to create an instance document which will be validated against the schema in the back-end.
2. C sharp and .NET framework for the developement of authoring tool and the reader.

# Prototyping + Component Based Development...

1. Work begins with gathering whatever understanding is available with developers and customers regarding requirements.
2. A quick design is done and prototype is done.
3. Components selected for reuse
4. Components are reviewed and modified to ensure that they properly fit into the architecture of the system.
5. Full system is created from various sub-systems grouped together which itself is an agglomeration of various components.



# Software Engineering Deliverables...

1. Time sheet(Daily Basis).
2. Weekly status report.
3. Project Management Document(Updated once in 15 days).

## Individual Contribution So Far...

- Eashwar- Architecture of the project, Study of XML schema and Explored various authoring tools
- Nishant- Architecture of the project, Explored various authoring tools and Researched on technologies to be used.
- V Anil- Architecture of the project, Study of XML schema and studied basics of .NET framework.
- Vyshak- Architecture of the project, Explored various authoring tools and studied BASEX tool.

# References...

-  D. Vassileva, B. Bontchev, B. Chavkova, and V. Mitev, "Software construction of an authoring tool for adaptive e-learning platforms," in *Informatics, 2009. BCI '09. Fourth Balkan Conference in*, sept. 2009, pp. 187 –192.
-  <http://www.helpsmith.com>.