
Software Design Document

3-D Newspaper

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1 Introduction

1.1 Purpose of Document

The purpose of the Software Design Document is to make developers understand what is to be built and how. It gives all the necessary descriptions of the app to be built. It is the next step after Software requirement specifications document. The modules in the SRS will be made into a design to be easily understandable. This document comprises of the design for 3D Newspaper

1.2 Scope of the Project

Since many people feel uncomfortable or complexed by digital newspapers, this app aims at making such attempts easy and comfortable to be usable. The users of the project ranges from school children to retired adults. Anyone who wishes to read digitized newspapers, this will be the best, easiest and most comfortable stop. All the newspaper companies will come under the channel providers and will publish their articles in this app. Famous bloggers can also provide their articles here. Any user with basic experience with Android/iOs can use this app easily.

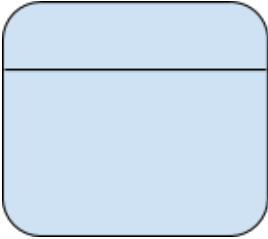
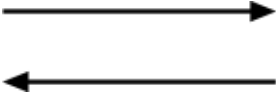


1.3 Definitions, Acronyms and Abbreviations

1. DFD → Data Flow Diagram
2. SRS → Software Requirement Specifications
3. PDF → Portable Document Format
4. ERD → Entity Relationship Diagram
5. DOCX → Document Extended

1.4 References

1. NPTEL Course for Software Engineering Course
2. Software Engineering: A Practitioner's Approach by Roger S Pressman
3. <http://ieeexplore.ieee.org/document/4721332/?reload=true> IEEE website for DFD

2 Data Flow Diagram and ERD

| Name | Notation | Role |
|-----------------|---|--|
| Process |  | This converts and processes input to output. |
| Data Flow |  | Data flow from one entity to another Is represented by arrows. |
| Data Store |  | These are databases. Data is stored In these. |
| External Entity |  | External entities are objects outside system like user or sensors of phone. |

3 Process Decomposition of each level of DFD

