SNS COLLEGE OF TECHNOLOGY

Coimbatore-37.
An Autonomous Institution

COURSE NAME : 19CST201-Agile Software Engineering

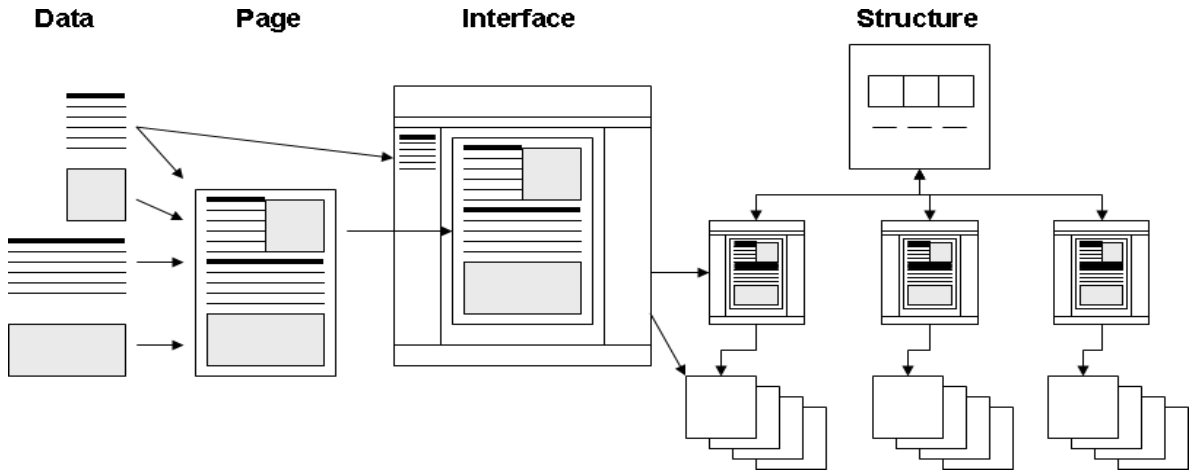
II YEAR/ III SEMESTER

Topic: Interface Analysis

Dr.A.Sumithra
Assosiate Professor
Department of Computer Science and Engineering

Introduction

Interface Analysis is a business analysis elicitation technique that helps to identify interfaces between solutions/applications to determine the requirements for ensuring tha**t the components interact with one another effectively.**



Interface Analysis

- Interface types range from user interfaces (human beings interacting directly with the system); interfaces to and from external applications; and interfaces to and from external hardware/gadgets.
- The requirements that define how human beings interact with the system; how applications link to other applications and how hardware links to applications need to be defined for effective functioning of the system.
- Interface analysis helps in discovering the requirements needed to integrate software into its new environment.

Services

- Analyze and advise the information interface between software and hardware to ensure an effective connection.
- Review software requirements specifications, software design description records and source code with hardware, operator, and software interface design documentation, for correctness, consistency, completeness, accuracy, and readability

References

- Lisa Crispin, Janet Gregory, “Agile Testing; A Practical Guide for Testers and Agile Teams”, Addison Wesley, 3rd Edition, 2015. 1
- Robert C.Martin, “ Agile Software Development, Principles, Patterns and Practices”, Prentice Hall, 2nd Edition, 2014.
- Alistair Cockburn, “Agile Software Development: The Cooperative Game”, Addison Wesley, 2nd Edition,2015.
- Mike Cohn, “User Stories Applied: for Agile Software”, Addison Wesley, 2nd Edition,2015.


Thank
you