Aus-Air Online Booking System Presentation

Team Hy-Fly: Benny Chen - Edward Li - Kim Pham - Balint Seeber

Requirement Elicitation

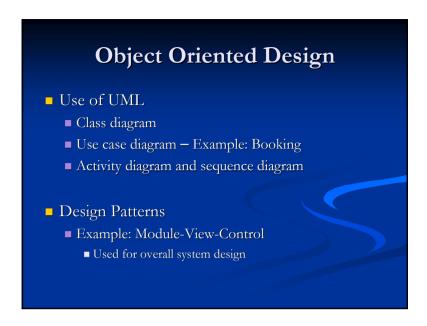
- Development of Proposal
 - Review existing systems
 - Initial requirements
 - Employing ISO-9126 model to review the proposal
- Final Requirements

Introduction

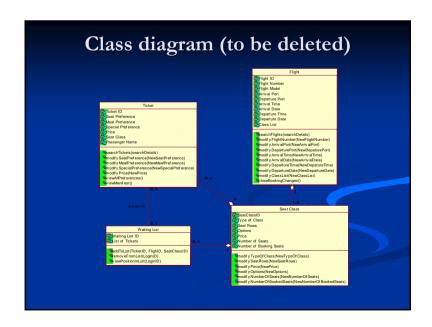
- Team Members
 - Balint Team Leader
- Overview: Structured Approach + OOP
- Special Objectives Our Claims
 - Realised the objectives to develop on-line system
 - FPB Fast Prototyping with B

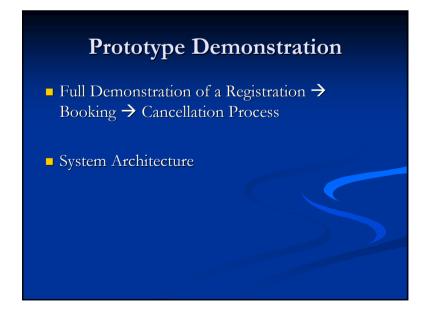
Preliminary Design

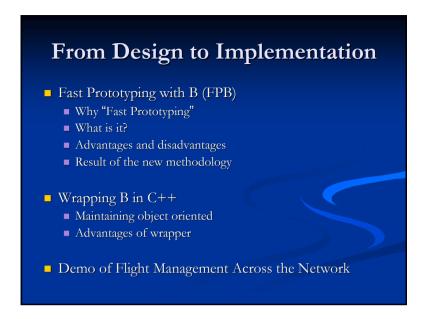
- Drawing Out Basic Entities and Relationships
 - Entity Relationship Diagram
 - Data Flow Diagram
- Production of B Specification

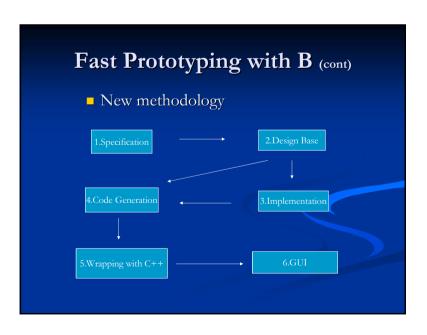


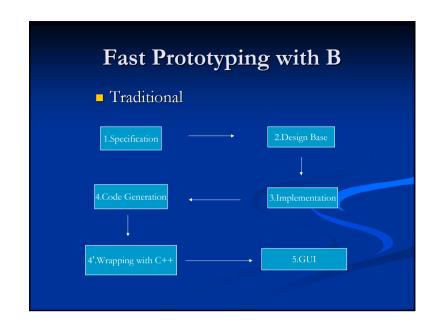


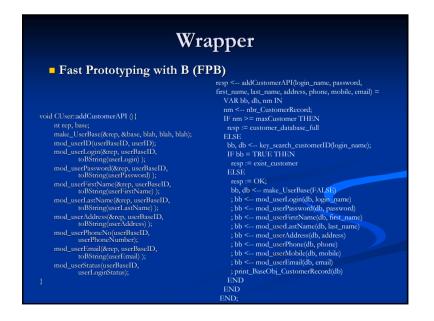


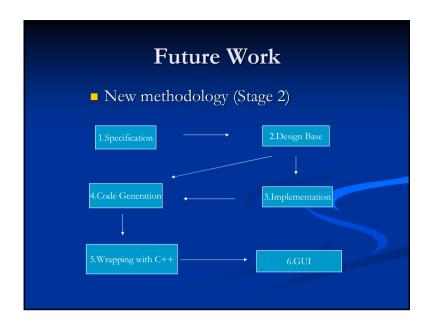














Project Management Time and Schedule Management Gantt Chart Work Breakdown Structure Project Coordinator to arrange tasks Quality Assurance Regular group meeting Repository for all products Peer Review

Project Reflection What We Have Achieved A working prototype that realised the requirements and design Portfolio of documents detailing the development Reconciling B with OO (different paradigms) Efficiently working in a group

Project Reflection

- What We Have Learnt
 - Skills essential to Software Engineering
 - Better understanding of Software Engineering
 - Not just coding
 - Requirement is the main focus
 - Experience in developing a large real-world system
 - Time management
 - Team work

Fin.

Thank you very much for your time and patience!

Questions?

If you are interested in test-driving the system or distributing the system commercially please contact the project team on balint [at] spench [dot] net.

Project Reflection

- Features and methodologies we have abandoned
 - Example: the locking-and-queuing feature
- What could be done if given more time
 - Use of more design patterns
 - To-do list for the prototype