

Prospectus
Elderly Housing Assessment Project--Summer 2004
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Title: Elderly Housing Assessment Prototype

Goal: Prototype a PDA application for supporting the walk-around assessment of elderly housing using commercial-off-the-shelf (COTS) components.

Sponsoring Partner: Community Housing Resource Center

Background: Many organizations are moving to adopt portable devices in the mainstream of their business process. This project will develop a proof-of-concept prototype for a walk-around assessment PDA application. The business process is to developing reports with pictures and recommendations for elderly that assess the suitability of their homes for accommodating their increasing level of support. The portal will rely predominately on the integration of COTS components, with a focus on re-using existing components and services.

Tasks:

Task Group 1000: Business and Needs Management

- Task 1001: Project Management—Overall management and scheduling of the project. Also includes financial responsibility.
- Task 1002: Requirements and Criteria Management—Work with the customer and stakeholders to gather, prioritize and manage requirements and their associated success criteria.
- Task 1003: Business Process Analysis and Design—Work with the customer organization to analyze, model and design appropriate parts of the business process.
- Task 1004: Benchmarking—Work with the customer organization to find existing solutions for benchmarking and potential re-use.

Task Group 2000: Technology and Solution Management

- Task 2001: Constraints Management—Overall management of the constraints and assumptions placed on the technical solution by business needs, current IT architecture and solutions, and available technology.
- Task 2002: IT Architecture Management—Work with the Business Manager and as appropriate the customer to identify possible IT (hardware and software) architectures for solving the needs, and recommend adoption of an architecture. If an existing architecture has already been adopted, manage the integration of this project into that IT architecture.
- Task 2003: Procure IT Components—Work with the IT Architects to procure required, existing IT components.
- Task 2004: Develop IT Components—Work with the IT Architects to develop as required, new IT components.

- Task 2005: Integrate IT Components into Solution—Work with the IT Architects to integrate existing and developed IT components into coherent solution.

Task Group 3000: Research and Quality Management

- Task 3001: Information Management—Overall management of the information assets pertinent to the project.
- Task 3002: Documentation—Develop and maintain both project documentation, developer/maintainer documentation and user documentation
- Task 3003: Usability—Develop and implement a usability plan for the project and product.
- Task 3004: Quality Testing—Develop and implement a testing plan for the project and product.

Schedule:

Date	Activity
24-May	Project Description & Requirements
26-May	Multimedia PC/PDA Platforms (Tiers, Networking, Components, Hdw, Sfw)
31-May	Holiday
2-Jun	Internal Checkpoint - Platform(s)/Proposal
7-Jun	
9-Jun	Presentation - Platform(s) & Concept Proposal
14-Jun	Acquire Hardware/Software
16-Jun	
21-Jun	Initial Prototype
23-Jun	
28-Jun	
30-Jun	Presentation – Initial Prototype
5-Jul	Holiday
7-Jul	Internal Checkpoint - Prototype
12-Jul	2nd Iteration Prototype
14-Jul	
19-Jul	Presentation - 2nd Iteration Prototype
21-Jul	Final Design and Development
26-Jul	
28-Jul	Final Presentation