Abstract

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Nomenclature

Acknowledgements

Introduction

* Motivation
* Purpose & Scope
* Assumptions
* Coverage

Background and Literature Review

* Background
* AR Libraries
* Software architecture (& and other tools we analysed)
* Arduino & Raspberry PIs

Project Management Processes

* Agile vs Waterfall vs Lean
* SDLC
* TDD
* Repository management

Requirements

* Gathering (BRS, UML)
* System
* Functional
* Non-functional
* Stakeholders (sponsor, users, museum people developers)

Design

* Models
  + Use case
  + Activity
  + Sequence
* UI
* Accessibility
* User consultations

Implementation

* Backlog
* Sprint outline (planning, conducted, burndown)
* Front-end
* Back-end
* Hardware
* Challenges

Testing & Quality Assurance

* Types of testing conducted
  + Unit Testing
  + Integration Testing
  + Performance and Stress Testing
  + Regression testing
  + UAT Testing
  + Beta Testing
* Deployment
* Formative evaluation
* Functional requirements review
* Non-Functional requirements review

Project evaluation

* Summative evaluation
* Future developments

Appendices

Bibliography