National College of Ireland

PGDip in Cloud Computing

2011/2012

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Hotel Directory

Project in

Enterprise Frameworks



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**1. Introduction**

**blah blah**

**2. Background research and investigations**

**3. Requirements analysis**

**4. Project Plan**

When the project was initially started each team member took it upon themselves to research the .Net framework and to gain an understanding of working with C# programming. The plan in place was for each member to have an attempt at all parts in the creation of the web application. All team members at some stage in the development of the application had problems using GitHub and had to continuously “clone” their folders on their local machines. Emily Maycock had continuous problems with GitHub which severely hampered her attempts to commit files.

Team members Emily and James looked at creating a database whilst team members Brian and Stephen set about creating the models and eventually the parser.

A breakdown of all the work completed to date is contained in the Appendix A.

**5. Software development methodology employed**

**6. Use cases/Wireframes**

**7. Architecture/Design approach**

Models (Class Models / Data Models etc.)

**8. Implementation of particular OOP constructs**

**9. Design patterns and architectural patterns implemented**

How cross-cutting concerns have been handled

**10. Security of the application**

**11. Configuration of the application**

**12. Scalability of the application**

**13. Testing Approach**

**16. Appendix A - Team Project Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Team Jebs | | | |  |
| To-do List | | | |  |
|  |  |  |  |  |
| **Task No.** | **Task** | **By** | **% Complete** | **Date** |
| **A** | **Documentation** |  |  |  |
| 1 | Proposal |  |  |  |
| 2 | Design Use cases | EM | 50% |  |
| 3 | Final Project Report | All | 5% |  |
| 4 | Update main document with use cases | EM | 0% |  |
| 5 | Use Cases created | EM | 100% | 11/7/2012 |
| 6 | Git problems resolved update | JP | 100% | 11/7/2012 |
| 7 | Use Cases | EM | 100% | 13/7/2012 |
| 8 | MVC3 Design Pattern | JP | 100% | 17/7/2012 |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
| **B** | **General** |  |  |  |
| 1 | Install MVC 4 | All | 100% | 10/06/2012 |
| 2 | Create MVC4 Project and upload to Git | EM | 100% | 14/06/2012 |
| 3 | Data Sets Added | BR | 75% | 19/6/2012 |
| 4 | Data Sets Added | BR | 85% | 4/7/2012 |
| 5 | New project created | SOR | 100% | 7/7/2012 |
| 6 | Database Created | BR | 75% | 10/7/2012 |
| 7 | Home Page update | SOR | 100% | 15/7/2012 |
| 8 | Data Set Added | JP | 100% | 16/7/2012 |
| 9 | Database tables updated | JP | 100% | 16/7/2012 |
| 10 | References Added | JP | 100% | 21/7/2012 |
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| **C** | **Data Modelling/Parser** |  |  |  |
| 1 | Model Attempt | BR | 100% | 17/6/2012 |
| 2 | Model Attempt | SOR | 100% | 24/6/2012 |
| 3 | IData Parser | SOR | 100% | 3/7/2012 |
| 4 | Parser London | SOR | 100% | 3/7/2012 |
| 5 | Parser New York | BR | 100% | 3/7/2012 |
| 6 | Model DB Attempt | SOR | 100% | 7/7/2012 |
| 7 | Parser Las Vegas | JP | 100% | 16/7/2012 |
| 8 | Parser Load | BR | 85% | 17/7/2012 |
| 9 | CSV Parser | JP | 100% | 21/7/2012 |
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| **D** | **DAL/Business Logic** |  |  |  |
| 1 | DAL Layer created | SOR | 20% | 10/7/2012 |
| 2 | DAL Layer updated | EM | 100% | 23/7/2012 |
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| **E** | **MVC** |  |  |  |
| 1 | Controllers & Views created | BR | 100% | 17/7/2012 |
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| **E** | **Test Driven Development** |  |  |  |
| 1 | Test class London Parser | SOR | 100% | 10/7/2012 |
| 2 | New Test Methods | SOR | 100% | 17/7/2012 |
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