

**CP5046 ICT PROJECT 1**

**Collectibles Auctions System on EBay Marketplace (CASE)**

**Cycle Report   
(version 1.0)**

Team NAME : TEAM AWESOME  
PROJECT TEAM :

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# Introduction

This cycle report serves to highlight the issues, constraints and project management activities done for the project.

# Problems & Challenges

1. Ebay Finding API in Sandbox was down for 1 week and as such the development of the prototype was delayed by 1 week.
2. Lack of proper documentation from eBay on using API. Lots of experimentation with codes was required.
3. Making sure that the fonts and colours in user interface design was not distracting
4. Re-doing the main page according to user’s satisfaction

# Customer Feedback

1. User was satisfied with the overall flow of the prototype
2. Required re-work on the UI of main page
3. User wanted a search functionality on main page itself

# Team Scope

Scope of work for our team as agreed:

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Member** | **Task** | **Remarks** |
| 1 | **Ashwath** | Prototype User Interface Design | (creation of asp front end web pages)   (Integrate Karim's backend vb.net code with Interface)   (creation of required images)   (Formatting of tables, and other CSS settings) |
| 2 | Collecting minutes of meeting | ( 3 meetings) |
| 3 | Documentation for User Interface portion | - |
| 4 | **Vimal** | Creation of Entity Relationship Diagram | - |
| 5 | Schema Design | - |
| 6 | Creating Schema on development system | - |
| 7 | Configuring .Net connection strings on development machine | - |
| 8 | Diagram and documentation for Database design portion | - |
| 9 | **Karim** | Team’s Project Manager | Control Scope and Schedule |
| 10 | System Design (UML) | Usecases, Class and Sequence Diagrams |
| 11 | Development of Finding API, Shopping API and Trading API custom classes |  |
| 12 | Project Documentation | System Documentation and Cycle Report |

# Project Milestones

* Project Initiation – Week 3
* Requirement Analysis – Week 4-5
* Planning – Week 6-7
* Design – Week 8
* Documentation – Week 3-11
* Prototyping – Week 9-11
* Testing & Presentation – Week 12

## Work Breakdown Structure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level** | **Tasks** | **Member** | **Start** | **End** |
| 1 | Scope and Risks | | 12th Nov 12 | 23rd Nov 12 |
| 1.1 | Scope Breakdown | Karim | 12th Nov 12 | 14th Nov 12 |
| 1.2 | Identifying Project Risks | Karim, Vimal, Ashwath | 15th Nov 12 | 17th Nov 12 |
| 1.3 | Documenting Scope and Risks | Karim | 19th Nov 12 | 23rd Nov 12 |
| **2** | **Requirements Collection** | | **26th Nov 12** | **7th Dec 12** |
| 2.1 | Feasibility Study on Database | Vimal | 26th Nov 12 | 30h Nov 12 |
| 2.2 | Feasibility Study on eBay API | Karim | 26th Nov 12 | 30h Nov 12 |
| 2.3 | Feasibility Study on .Net Platform | Karim | 26th Nov 12 | 30h Nov 12 |
| 2.4 | Converting Requirements to system objectives | Karim, Vimal, Ashwath | 31st Nov 12 | 4th Dec 12 |
| 2.5 | Documentation | Karim | 3rd Dec 12 | 7th Dec 12 |
| **3** | **System Design** | | **10th Dec 12** | **14th Dec 12** |
| 3.1 | Creation of Use Case Diagrams | Karim | 10th Dec 12 | 14th Dec 12 |
| 3.2 | Creation of Classes | Karim | 10th Dec 12 | 14th Dec 12 |
| 3.3 | Creation of Class Diagram | Karim | 10th Dec 12 | 14th Dec 12 |
| 3.4 | Creation of Sequence Diagrams | Karim | 10th Dec 12 | 14th Dec 12 |
| 3.5 | Creation of ERD Diagrams | Vimal | 10th Dec 12 | 14th Dec 12 |
| 3.6 | Creations of Tables | Vimal | 10th Dec 12 | 14th Dec 12 |
| 3.7 | Creations of Integrity Rules | Vimal | 10th Dec 12 | 14th Dec 12 |
| 3.8 | Creation of CSS templates | Ashwath | 10th Dec 12 | 14th Dec 12 |
| 3.9 | Creation of ASP.Net front end pages | Ashwath | 10th Dec 12 | 14th Dec 12 |
| **4** | **Prototyping** | | **17th Dec 12** | **4th Jan 12** |
| 4.1 | Preparing Development Environment | Vimal | 17th Dec 12 | 19th Dec 12 |
| 4.2 | Database Connectivity in development machine | Vimal | 17th Dec 12 | 19th Dec 12 |
| 4.3 | Creation of custom classes in vb.net | Karim | 17th Dec 12 | 26th Dec 12 |
| 4.4 | Creation of functionalities | Karim | 17th Dec 12 | 26th Dec 12 |
| 4.5 | Creation of Notification Function | Karim | 17th Dec 12 | 26th Dec 12 |
| 4.6 | All other Coding | Karim | 27th Dec 12 | 4th Jan 12 |
| **5** | **Prototype Testing** | | **5th Jan 12** | **8th Jan 12** |
| 5.1 | Test Functionalities | Karim, Vimal, Ashwath | 5th Jan 12 | 8th Jan 12 |

# Prototype Features

1. Search for items in real-time with eBay
2. Restrict search to Singapore or Worldwide
3. Search by Categories
4. Buy an Item (simulated through eBay Sandbox)
5. Register for an account
6. Activate Account
7. Receive email notifications in real-time

THE END