CONTRIBUTION REPORT

Below are the contributions of each member to the team:

**Jin ChengCheng**

The roles & responsibilities:

* Database Administrator and group leader of testing group

Deliverables & interaction within the teams:

Major Challenges & Resolution:

Quantum:

Experience:

**Kamble Shekhar Shivaji**

The roles & responsibilities:

* Group leader of presentation layer group

Deliverables & interaction within the teams:

Major Challenges & Resolution:

Quantum:

Experience:

**Priyanka Prasad**

The roles & responsibilities:

* Member in model layer group and member in testing group
* Create CRUD methods for *Discrepancy Broker*, *Stock Card Detail Broker* and *Collection Point broker*
* Create *GetById* method in the broker classes

Deliverables & interaction within the teams:

* Analyze and design the *Create Discrepancy Report*, *Issue Adjustment Voucher*, and *View Adjustment Voucher List*
* Helped in designing the *user interface* for *supervisor* and s*tore manager* to make the page looks more user friendly
* Help to do coding for some of the methods in *Create Discrepancy Report* control class
* Creating some documentation
* Conduct some functional testing

Major Challenges & Resolution:

* Entity Framework was a new technology for me, so it was challenging to learn a new technology in such a short time by myself
* Creating method in data broker to retrieve the data by its ID
* To solve the errors which I get while coding & testing

Quantum:

* 5 man-day for analysis
* 3 man-day for design
* 14 man-day for coding model layer and conduct model testing
* 7 man-day for functional testing
* 2 man-day for documentation

Experience:

* From this project I got the real experience on how to develop, run and deploy a project
* I also learned how to manage my time to yield a better result

**San La Pyaye**

The roles & responsibilities:

* Assistant of Database Administrator and member in testing group

Deliverables & interaction within the teams:

Major Challenges & Resolution:

Quantum:

Experience:

**Su Lai Naing**

The roles & responsibilities:

* Member in model layer and member in testing group
* Create CRUD methods for *Purchase Order Broker*, *Supplier Broker* and *Department broker*

Deliverables & interaction within the teams:

* Modify the Issue Adjustment Voucher Form
* Creating Model class in Entity Layer
* Create Test Data and Test Script
* Conduct some functional testing

Major Challenges & Resolution:

* Learning entity framework and testing it to use in CRUD operation
* Testing and try to meet the logical flow of the system
* Solving errors in coding and testing

Quantum:

* 5 man-day for analysis
* 3 man- day for design
* 14 man-day for coding model layer and conduct model testing
* 7 man-day for functional testing
* 2 man-day for documentation

Experience:

* During this project, I got lots of experiences in analysis skills by drawing Use Case Diagram, Sequence Diagram and Class Diagram
* Leaning new features of entity framework and how to use it
* Testing to get more user-friendly design using test script and test data
* Knowledge of using .Net framework with C# and asp

**Taufin Rusli**

The roles & responsibilities:

* Team leader and group leader of controller layer group
* Divide the responsibilities among the team members
* Review and finalizing analysis and design, UI prototype and coding

Deliverables & interaction within the teams:

Major Challenges & Resolution:

Quantum:

* 1 man-day for project plan
* 2 man-day for

Experience:

* I learnt how to manage a team, assign the job for the team member and set the deadline of each job
* Need to have a buffer for the project plan

**Thazin Win**

The roles & responsibilities:

* Group leader of model layer group and member in testing group

Deliverables & interaction within the teams:

Major Challenges & Resolution:

Quantum:

Experience:

**Wai Yan Ko Ko**

The roles & responsibilities:

* + Member in presentation layer group and a member in testing group
  + Project Planning
  + Functional Requirements
  + Non-Functional Requirements
  + UI Specification
  + Analysis Models
  + Design Models
  + Implementation Workflow
  + Test Workflow
  + UI Web Design
  + Style Sheet

Deliverables & interaction within the teams:

* + Participate in Project Planning discussion
  + Participate in team meeting
  + Contribute in Functional Requirement Specification
  + Contribute in Non-Functional Requirement Specification
  + Discuss and finalize UI Specifications with the team
  + Take part in drawing some use cases, sequence diagrams, collaboration diagrams and class diagrams by using Rational Rose tool
  + Participate in presentation layer group for UI design
  + Participate in Integration and Testing Workflow
  + Prepare test scripts for some web forms
  + Performs conducting testing and functional testing
  + Co-ordinate the team members through the project
  + Co-ordinate the team by fixing some bugs
  + Co-ordinate the team to produce the final project report on time

Major Challenges & Resolution:

* Firstly, I try to understand Software Development Life Cycle (SDLC) to implement the system
* Then as a member of presentation layer, I have to know the overall flow of the system to design sample and user friendly UI web design
* And I have to find the reference from internet about web design tools and to be suitable for the system
* Then we found and use the Infragistics UI tools to use easily
* Another challenge is making all the forms work properly with and without the controller and event handler
* To overcome this, I search on the internet again for reference, and I also use the reference from text books, reading materials, teaching materials, examples and previous project
* Then I use the reference from the schools materials to overcome it

Quantum:

* 1 man-day for Project Planning
* 1 man-day for Interviewing user
* 1 man-day for Business Use Case Modeling
* 1 man-day for Functional requirement
* 1 man-day for Non-functional requirement
* 1 man-day for UI Specification
* 1 man-day for finalizing the UI Prototype
* 1 man-day for UI Design Walkthrough with user
* 2 man-day for Analysis Model
* 6 man-day for UI Design and Coding
* 1 man-day for Analysis and Design Clarification
* 3 man-day for Integration Testing
* 2 man-day for Documentation

Experience:

* During this AD Project, I have learnt
* How to manage the time to finish the project on time
* How to act like professionalism
* How to design the UI design and coding to get bug free system
* More about Work Breakdown Structure, Analysis Workflow Model and Project Managing
* More experience in Asp.Net using C# language and more familiar with Microsoft Visual Studio 2010, Email Notification with schedule and layering system
* And then I got more practice in working with team and to be finish the parts which I have taken on time
* Then I got in experience about meeting with users and preparing documentation and meeting minutes
* Finally, I gain more knowledge and experience in system analyst fields

**Zin Mar Thwin**

The roles & responsibilities:

* Member in controller layer group
* Create controller class and integration with UI layer for *Create Adjustment Voucher, View Adjustment Voucher list, Create Purchase Order, Receive Order Form, Blacklist Department* and other controller classes.
* Create Get\*\*\*ID methods for broker classes.
* Participate in Analysis & Design workflow. (Business Use Case diagram, System Use Case diagram, Sequence Diagram, State Chart, Class diagram)

Deliverables & interaction within the teams:

* System Use Case diagram
* Analysis & Design for Sequence Diagram
* State Chart Diagram
* Coding in controller layer
* Integration with UI and controller part

Major Challenges & Resolution:

Quantum:

* 1 man-day for project plan
* 8 man-day for analysis and design (system use case, system activity diagram, UI prototype, state chart, sequence diagram, class diagram and coding)
* 14 man-day for coding controller layer and integration

Experience: