

# TimeLog report for CS525 Labs

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| <b>Student:</b> | James Singh |  |  |
| <b>Course:</b>  | ASD         |  |  |
|                 |             |  |  |

| Date       | Time start  | Hours               | Activity   |
|------------|-------------|---------------------|--|
| 8/6/2014   | 2:00:00 PM  | 3                   | Design UML for banking and credit card application   |
| 8/7/2014   | 2:00:00 PM  | 3.5                 | Designed a common framework from bank and credit card UML, and used the framework to create banking and credit card application.   |
| 8/8/2014   | 2:00:00 PM  | 4                   | Reviewed the design from the earlier day to create more refined UMLs for the common framework, banking application and credit card application.  |
| 8/10/2014  | 2:00:00 PM  | 4                   | Refined the earlier class diagram, and created several sequence diagrams for use cases of each application.  |
| 8/11/2014  | 1:00:00 PM  | 9                   | <ul style="list-style-type: none"> <li>- Reverse engineered the common framework design to java classes.</li> <li>- Worked on party and account modules for common framework. Used party pattern and account pattern.</li> <li>- Coded the abstract factory for common framework</li> <li>- Organization of code in proper packages.</li> </ul>  |
| 8/12/2014  | 11:00:00 AM | 12                  | <ul style="list-style-type: none"> <li>- Setup Mediator+Observer pattern</li> <li>- Implemented mediator + observer pattern to enable/disable the frame buttons, and refresh the account list as required.</li> <li>- Refactored some codes.</li> <li>- Implemented iterator design pattern to iterate through the list of accounts.</li> <li>- Modified the iterator to return a sorted list of accounts based upon field parameter. Used java reflections to achieve generality.</li> <li>- Changes to UML diagrams</li> </ul> |
| 8/13/2014  | 8:00:00 AM  | 4                   | <ul style="list-style-type: none"> <li>- Restructure, cleanup and update UML diagrams</li> <li>- Status report and documentation</li> </ul>  |
| 8/13//2014 | 12:00:00 AM | 2.5                 | <ul style="list-style-type: none"> <li>- Modified the class diagram for common framework</li> <li>- Prepare and organize deliverables for 08/14.</li> </ul>  |
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|            |             | <b>Total Hours:</b> | 42   |

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