TimeLog rep	port for CS52	25 Labs	
Student:	James Singh		
Course:	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		Reverse engineered the common framework design to java classes. Worked on party and account modules for common framework. Used party pattern and account pattern. Coded the abstract factory for common framework. Organization of code in proper packages.
			- Setup Mediator+Observer pattern - Implemented mediator + observer pattern to enable/disable the frame buttons, and refresh the account list as required Refactored some codes Implemented iterator design pattern to iterate through the list of accounts Modified the iterator to return a sorted list of accounts based upon field parameter. Used java reflections to achieve generality.
8/12/2014	11:00:00 AM		- Changes to UML diagrams - Restructure, cleanup and update UML diagrams
8/13/2014	8:00:00 AM	4	- Status report and documentation
8/13//2014	12:00:00 AM	2.5	Modified the class diagram for common framework Prepare and organize deliverables for 08/14.
		Total Hours	40
		Total Hours:	42

Result Two UML pdf files with designs for banking and credit card applications. Three UML files for common framework, bank and credit card. Three UML files for common framework, bank and credit card. - Common framework class diagram - Banking application class diagram - Credit card application class diagram - Sequence diagrams (create savings account, create a credit card account, withdraw and deposit money to bank and credit card accounts) - Status report The basic code in common code repository (github) with required relationship between party, account and transaction (by Dhruba). The common framework library was close to complete A running banking application using the framework libraries developed earlier Modified UML diagram.
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- Status report - UML Class diagrams (common framework, banking application and credit card application) - UML sequence diagrams (8 use cases for banking and credit card application) - Running banking application
- Deliverables ready for submission
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