**TEAMWORK BREAKDOWN PLAN**

Team Leader: Sailesh Nankani

Responsibilities:

* Make arrays containing information about the videos.
* Make classes that keep record of check out and return of video rentals (transactions).
* Matching of the input information with corresponding videos.
* Classes that updating the records after each transaction.
* Merging all the classes together to form a combined Java program.

Team Member: Joe Lin

Responsibilities:

* Make classes for history of transactions that can be sorted and searched.
* Make arrays that store information about videos (cost and rating information).
* Graphical interface for the main page including the menu bar and the sub-menus.
* Making the graphical text input box and interactive search bar.

Team Member: Annie Sun

Responsibilities:

* Make classes that take input from user (name, phone, dates) and return it to customer database.
* Sorting, searching, and deleting information from arrays according to the input.
* Make a Built-in help system
* Graphical user interface for window for each video showing the relevant information.

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| Due Date | Phase/ Milestone | Item(s) due |
| Wednesday,  May 25, 2016 | Milestone A | Java Program – Version A  The version A would have all the classes required for the video rental There would be arrays for dates, names, charges and ratings for the videos. An array would be customer database. With their names and phone numbers. Two external files would be made for storing customer database and the video information. |
| Wednesday,  June 1, 2016 | Milestone B | Java Program – Version B  The classes would be amalgamated together working as a unified program. The graphical user interface would be ready with the input text boxes and pictures of the video rentals. Interactivity and data input would work. |
| Wednesday,  June 8, 2016 | Milestone C | Java Program – Version C  Everything would work fully. The program shall be error free and the documentations will be ready. |

Methods for sharing updates:

Software will be used to keep track of the changes made in the code and to monitor so that only one person is using it at a time. Management software will be used to store multiple backup versions of the file that would be updated regularly to prevent data loss.