

## Team Project Test Plan and Test Results Document

<b>Project Title</b> DVD Rental System		
<b>Author:</b> James Wilson James Gormley Kritika Nautiyal  <b>Testers:</b> Kritika Nautiyal James Wilson James Gormley		
<b>Version Number:</b> 1		
<b>Change History</b>		
<b>Date</b>	<b>Author</b>	<b>Comments</b>
13/3/15	James G	Began work on this document.
13/3/15	James Wilson	Started work on testing document, worked on testing strategy.
20/3/15	James Wilson	Added to the test plan.
21/3/15	James Wilson	Updated test results
09/04/15	James Wilson	Updated test results.
14/04/15	James Wilson	Updated test plan 5 & 6.
15/04/15	James Wilson	Updated test plan 7, 8 & 9.
21/04/15	James Gormley	Inserted results of the final round of tests.

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21/04/15	Kritika Nautiyal	Looked over the final testing of the website
<b>Release Criteria</b> A: Databases for customers, DVD's, reservations and staff members B: Ability to perform relevant operations these databases C: User friendly GUI D: Appropriate user privileges/restrictions		
<b>Related Documents</b>		
Document Title	Author(s)	Description
<i>Project plan</i>	Team K	Description of the plan in place to guide the implementation of the project.
<i>Design document</i>	Team K	Proposed design of the system in question.
<i>Requirements document</i>	James Gormley	Provisional requirements of the system.
<i>Professional Issues Report</i>	Kritika Nautiyal	Report dealing with issues related to codes of practice and conduct
User Manual	James Wilson	User guide
<b>Test Strategy:</b>  The test strategy to be implemented consists of white and black box testing. Plans are also in place to implement unit testing, system testing and security testing. Developers James Wilson and James Gormley are to be tasked with white box testing the system. That is, testing the internal structure of the system, e.g that tables and the operations on said tables, perform as expected. Team Leader, Kritika will be tasked with testing the system through black box testing. This entails testing the system without a in-depth knowledge of the internals. Using the system in a fashion similar to that of an average user and observing the results.		

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Test Plan:		
Number	Module	Description
1	Test insert into DVD table	When inserting into the data table in the database, the query should add to the database table.
2	Delete/update from DVD table	When deleting from the table, the query should show that there was a deletion from the table. Update should update the data accordingly.
3	Insert/Delete/Update on Customer Table	After inserting data into the customer table, the data should be present and visible. The data should no longer be present after a delete operation. Update should update the data accordingly.
4	Insert/Delete/Update on Reservations Table	After inserting data into the reservations table, the data should be present and visible. The data should no longer be present after a delete operation. Update should update the data accordingly.
5	Decrement In Stock	After the customer selects a film that he or she wants to rent, the stock should increment by 1.
6	Increment In Stock	If the customer clears their reservation the in stock should increment back by 1.
7	Test log in for member	When a member is trying to log in it should look for the "@ubervideo" to see if they are a member or not
8	Test log in for admins	When the admin tries to log in it looks for "admin within the email address" (this is given by the web master)
9	Test log in for customer	Checks to see if it is a valid email and makes sure that it is not "@ubervideo" or "admin".
10	Test for date rented	When the customer clicks a DVD to rent the date they rented should appear on their Reservations table
11	Test for date to be returned	It should provide a return date for the customer and the member

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12	Test if DVD returned	If the DVD is not returned then the customer should be notified.
<b>Test Results Summary:</b>		
Type	Count	List of test numbers failed
A	6	0
B	12	0
C	4	0
D	12	0

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Test Results: Ongoing white box tests. Test Driven Development.					
Number	Test Implemented by	Test Completed by	Date of completion	Success/failure	Description (if failure)
1	James Wilson	James Wilson	13/03/2015	failure	Unable to delete a DVD failure within the foreign keys.
2	James Wilson	James Wilson	14/03/15	Success	
3	James Gormley	James Gormley	18/03/15	Success	
4	James Wilson	James Wilson	20/03/15	Success	
5	James Wilson, James Gormley	James Wilson, James Gormley	27/03/15	Success	Able to get the in stock to decrement everytime someone has rented a DVD
6	James Wilson, James Gormley	James Wilson, James Gormley	27/03/15	Failure	Unable to get the stock to increment if the reserve was cleared by the customer (they did not want that DVD)
7	James Wilson	James Wilson	08/04/15	Success	
8	James Wilson	James Wilson	09/04/15	Failure	Not able to login for admin
9	James Wilson	James Wilson	09/04/15	Success	
10	James Wilson	James Wilson	15/04/15	Failure	Unable to use function DateAdd
11	James Wilson	James Wilson	16/04/16	Success	
12	James Wilson	James Wilson	20/04/15	Failure	Could not render images from a database

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Test Results: Final Tests					
Number	Test Implemented by	Test Completed by	Date of completion	Success/failure	Description (if failure)
1	James Gormley	James Gormley	21/04/15	Success	
2	James Gormley	James Gormley	21/04/15	Success	
3	James Gormley	James Gormley	21/04/15	Success	
4	James Gormley	James Gormley	21/04/15	Success	
5	James Gormley	James Gormley	21/04/15	Success	
6	James Gormley	James Gormley	21/04/15	Success	
7	James Gormley	James Gormley	21/04/15	Success	
8	James Gormley	James Gormley	21/04/15	Success	
9	James Gormley	James Gormley	21/04/15	Success	
10	James Gormley	James Gormley	21/04/15	Success	
11	James Gormley	James Gormley	21/04/15	Success	
12	James Gormley	James Gormley	21/04/15	Failure	Could not render images from a database