

2013 Term2 ITU-SMU Group wikis: Team 10

From is411

**Requirements
Agreements**

Project Plan

Meeting &
Decision Log

UI Design

About Us

Learn How To Use
RentIt10

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RentIt10 Background (ITU)

Throughout the extreme growth of the usage of the Internet, a similar growth has been seen for user uploaded content, which have explode on sites like Youtube and Facebook. Especially media files, like video and picture, has surfaced all over these sites, mainly due to the fore coming of smartphones, with picture and video capturing capabilities. The content of these media files is often self-exposing, where people capture themselves or friends doing all kinds of different things and at different events. But other media file content is also extremely popular to upload, like news broadcasting, sport events, tutorials, movies etc.

Our business concept will focus on tutorials. Tutorials have been widely exposed on Internet, where people are using the Internet increasingly to find solutions on how to do things themselves. Because of this, we have decided to develop a system, where a user can download and upload homemade tutorials. As such, users will get paid for providing these tutorials and on the other hand, users who wish to download tutorials would have to pay for them. The users will be able to search for video tutorials by its category, the tutorial's ratings, as well as popular tutorials that are recommended by other users.

Requirement Specification (SMU)

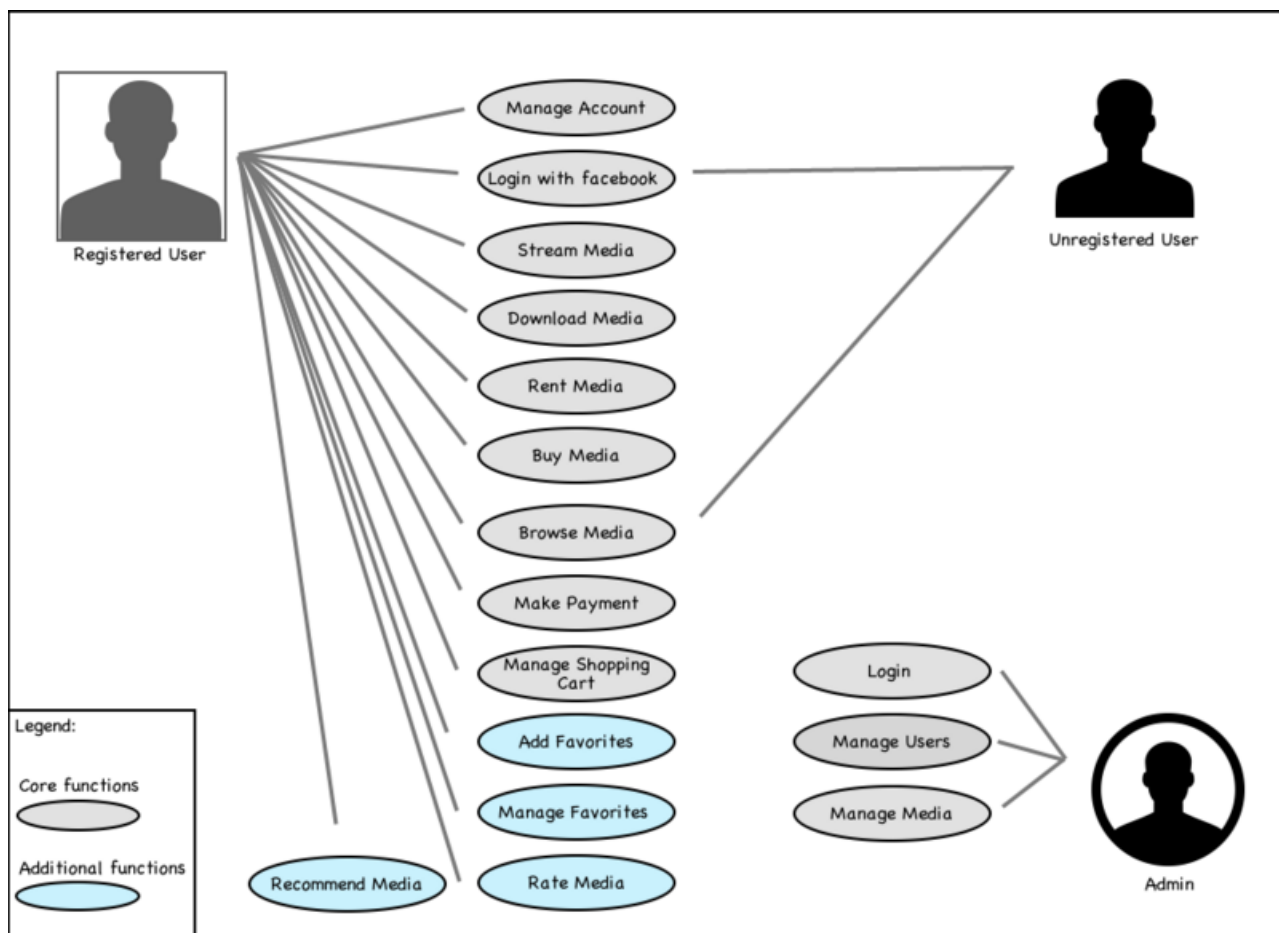
S/N	Requirement	Status
Client - Unregistered User		
1	Login with Facebook	Complete
Client - Registered User		
2	Browse the available media	Complete
3	Rent media	Pending
4	Purchase media	Pending
5	Manage rented and purchase media	Pending
6	Stream rented/purchased media online	Pending
7	Make Payment	Pending
8	Manage shopping cart	Pending
(Additional)		
9	Download rented/purchased media	Pending
10	Add media to favourites	Pending
11	Manage favourites	Pending
12	Rate media	Pending
13	Recommend media	Pending
Client - Admin		

14	Login	Complete
15	Manage users	Pending
16	Manage media	Pending

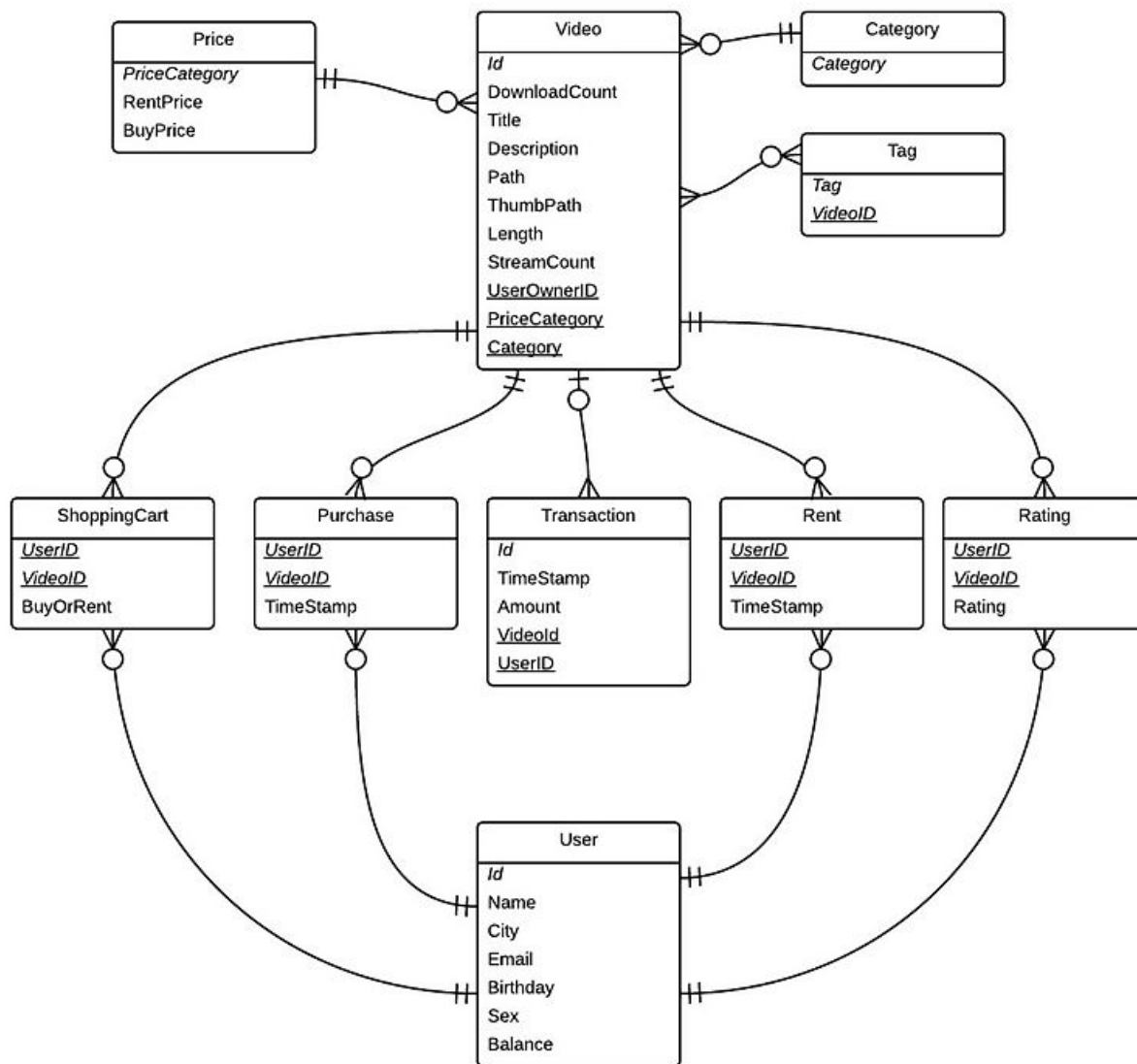
Server

17	Must support one or more WCF services, written in C#	Pending
18	Must be deployed on an IIS 7 Server	Pending
19	Must use a Microsoft SQL database	Pending
20	Must support multiple users using the same media file concurrently	Pending
21	Must support both admin and normal user login(by either facebook or google), which gives different privileges	Pending
22	Must support handling of both upload, rent, and download of files	Pending
23	Must support search for media files in the database, based on arguments provided by the client	Pending
24	Must be able to process and distribute payments between users and authors	Pending
25	Must hold meta information about each media files, which is displayed at the client application (more analytic information)	Pending
26	Based on a user's previous rented or downloaded files, the server must be able to show recommendations	Pending
27	Must give users the option to rate a tutorial	Pending
28	The server will provide the user the option to choose what kind of knowledge he or she have	Pending

Use Case Diagrams (SMU)



Entity Relation (ER) Diagram (ITU)



Web Service Specification (ITU)

Name	Description	Input	Output	Status
LoginWithFacebook	Allows the users to look it with facebook credentials	String Token, int rentitClientId	void	Implemented
Logout	This logs the user out of the system	String Token	void	Implemented
StreamVideo	This enables the user to ask for a videostream identified by a videoId	String Token, int VideoId	Stream videoStream	Implemented
DownloadVideo	This enables the user to ask for a video, identified by a videoId, and it returns a path to a video	String Token, int VideoId	String mediaPath	Implemented
RateVideo	Allows the user to a rate a video	String Token, int Rating, int VideoId	void	Implemented
GetNewVideos	This returns a number of new videos uploaded to the server		List VideoInfo	Implemented
GetAllVideos	Returns a list of all videos containing all relevant information about each video		List VideoInfo	Implemented
GetRecommendedVideos	Returns a list of recommended videos	String Token	List VideoInfo	Implemented
GetHighestRatedVideos	Returns a list of videos with the highest ratings		List VideoInfo	Implemented
AddRentalToShoppingCart	Enables the users to add a video to his shoppingcart as a rental. If the video already	String Token, int videoId	ShoppingCart	Implemented

	exists in the shoppingcart the old item is overwritten		cart	
AddPurchaseToShopingCart	This adds a video as a purchase to the shoppingcart. If the video already exists in the shoppingcart the old item is overwritten	String Token, int videoId,	ShoppingCart cart	Implemented
CheckOutShoppingCart	This "checkout" the cart, meaning that it withdraws rentit money from the users account and gives the user acces to the videos.	String Token	void	Implemented
RemoveFromShoppingCart	This removes an item from the shoppingcart	String Token, String VideoId	void	Implemented
ClearShoppingCart	This removes all a users item from the shopping cart	String Token	void	Implemented
DepositCredits	This let a user deposit rentit money to his account. It uses his creditcard information and withdraws the real money from the users paypal account	String Token, int amount, int CardNumber, int ExpireMonth, int ExpireYear, int SecurityNumber	void	Implemented
ConvertCredits	This converts real money into rentit money	String Token, int Amount, string Currency	Int result	Implemented
GetTransactionHistory	Returns a complete history over a users transactions	String Token	List Transaction	Implemented
GetAllUsers	This returns a list with userinfo objects containing information about the users	String Token	List UserInfo	Implemented
DeleteUser	Removes a users records from the system	String Token, int UserId	void	Implemented
GetUser	Gets information about the user with the provided token	String token	UserInfo	Implemented
GetOtherUser	Gets information about a specific user, defined by the userId. Requires administrator privileges	String token, int userId	UserInfo	Implemented
DeleteVideo	This removes a video from the system. Requires administrator privileges	String Token, int VideoId	void	Implemented

Link to WSDL: <http://rentit.itu.dk/RentIt30/RentIt.svc?wsdl>

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Group 10 Project Plan

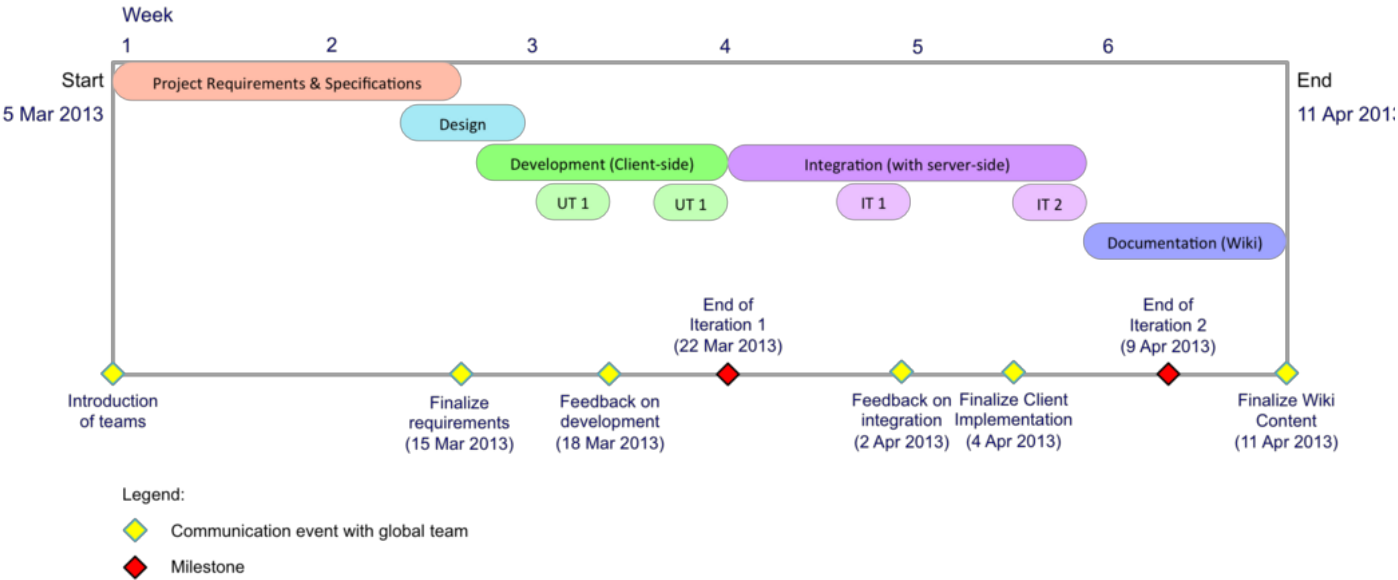
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Combined SMU and ITU schedule

Date	SMU-ITU collaboration	SMU tasks	ITU tasks	Iterations
Mar 5	<ul style="list-style-type: none">■ Introduction to team■ Discuss the case■ Prior reading and analysis of the case is necessary	Introduce yourself (Video conference)		Iteration 1. First pass. Implement client and web service
Mar 11	<ul style="list-style-type: none">■ Negotiate web service specs (interface).■ Align user requirements■ Discuss business rules	Negotiate services, and come up with use case and user interface mockups	Start implementing web service stubs	
Mar 15	<ul style="list-style-type: none">■ Finalize negotiation on web service specs■ Publish web-service specifications on Wiki■ Finish web service stubs■ SMU start developing client pages that uses the ITU web services (stub)■ ITU start developing web services	Develop & Test		
Mar 18	<ul style="list-style-type: none">■ SMU test using web service stubs■ ITU address SMU feedback on web services and continue developing	Integration	Developing and Test	
Mar 22	<ul style="list-style-type: none">■ Update web service specs (web service interface).■ Publish updated web-service specifications on Wiki■ SMU develop client pages that uses the updated ITU web services■ ITU develop stub implementations of updated web services■ ITU develop real implementations of updated web services	Negotiate update to services Develop & Test		Iteration 2. Complete basic feature Add advance features if time permits.
Mar 25-31	<ul style="list-style-type: none">■ ITU Holiday	Continue with previous task	Holiday	
Apr 2	<ul style="list-style-type: none">■ Test client■ Test web services.	Negotiate update to services (Video conferencing)		
Apr 4	<ul style="list-style-type: none">■ SMU Finalize client implementation■ ITU Finalize web service implementation	Test and Feedback		
Apr 9	<ul style="list-style-type: none">■ SMU+ITU negotiation final wiki content■ SMU Finalize report	Write wiki content together		
Apr 11	<ul style="list-style-type: none">■ Finalize wiki content	Final wiki content		

SMU Timeline



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Group 10 Meeting and Decision Log

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Global Meetings

S/N	Date, Time (sgp), Venue	Attendance	Agenda	Meeting Decision
1	5 Mar 2013 1715h Class Seminar Room	All except for 2 ITU members (name1, name2)	<u>PMS: nameITU (ITU); Abby (SMU)</u> <ul style="list-style-type: none"> Deciding on Communication Channel Appointing Project Manager/Representative from each side Setting project timeline 	<ul style="list-style-type: none"> Using FB as a core communication channel by setting Group Page Utilising Dropbox as a repository for project files Setting up a Whatsapp group chat for mobile communication
2	19 Mar 2013 1700h School of Business, Group Study Room 2-17	SMU - All ITU - 2 Reps	<u>PMS: nameITU (ITU); Abby (SMU)</u> <ul style="list-style-type: none"> Discuss and confirm the changes on the combined schedule Finalise which web service to use (REST or SOAP) Discuss and finalising use case diagram and scenarios Discuss the video formats to be used Discuss Login methods Discuss payment methods <ul style="list-style-type: none"> Consider currencies and exchange rates 	<ul style="list-style-type: none"> Both parties agreed on the current schedule <ul style="list-style-type: none"> Subject to further adjustments where necessary Using REST View media is only available to registered users User is to select "Rent" or "Purchase" when checking shopping cart Changes made to current use cases: <ul style="list-style-type: none"> "Login" --> "Login with Facebook" "View Media" --> "Stream Media" Remove the following use cases: <ul style="list-style-type: none"> "View Rental" "Create Account" Additional use cases: <ul style="list-style-type: none"> "Download Media" "Upload Media" (additional function, KIV) Use MP4 and OGG formats Users can only Login in using their Facebook account <ul style="list-style-type: none"> If user does not have one, the site will direct them to create one Allow extraction of data from user's Facebook Experimenting Paypal for the payment mode Use RentIt credits for easier management of payment dollars)
3	26 Mar 2013 1700h Online (Skype)	ITU - Jacob SMU - Abby & Suansen	<u>PMS: nameITU (ITU); Abby (SMU)</u> <ul style="list-style-type: none"> Discuss and feedback (clear any doubts) on the documents ITU members shared <ul style="list-style-type: none"> Methods and service interface SMU to update ITU the progress of the UI Discuss about login via Facebook 	<ul style="list-style-type: none"> Methods are sufficient and clear UI for basic features are up asp.net web pages will be used Make a dummy facebook user for testing as connecting not be safe
4	2 Apr 2013 1700h Class Seminar Room (Video Conferencing)	ITU - SMU - All	<u>PMS: nameITU (ITU); Abby (SMU)</u> <ul style="list-style-type: none"> Update progress from SMU <ul style="list-style-type: none"> Show UI to ITU and get feedback Discuss and negotiate UI Update progress from ITU <ul style="list-style-type: none"> Discuss and negotiate web services Clarify methods and their usage Discuss about integration Discuss about Facebook Login 	<ul style="list-style-type: none"> Feedback for the UI (SMU) <ul style="list-style-type: none"> Looks great! It is as what the both parties have Web services (ITU) <ul style="list-style-type: none"> Still working on the data contracts To send SMU team the requirement and web service specifications Pass SMU team the basic operations and JSON by the coming Friday (5 Apr 2013) ITU provides a link to keep SMU updated on their progress and what operations are ready to use Pass ITU team the Facebook App ID

ITU Meetings

S/N	Date, Time (sgp), Venue	Attendance	Agenda	Meeting Decision
1			<u>PM:</u> <ul style="list-style-type: none"> 	<ul style="list-style-type: none">
2			<u>PM:</u> <ul style="list-style-type: none"> 	<ul style="list-style-type: none">

SMU Meetings

S/N	Date, Time (sgp), Venue	Attendance	Agenda	Meeting Decision/Outcome
1	8 Mar 2013 1700h Skype (online)	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Discuss programming language for UX 	<ul style="list-style-type: none"> Setting HTML5 as client-side programming language Setting .asp as mainframe language - easier integration server side (C#)
2	12 Mar 2013 1100h School of Economics, level 4 Benches	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Updating wiki pages Initiate UI Design/Wireframe 	<ul style="list-style-type: none"> Using Moqups for UX design
3	15 Mar 2013 1700h School of Information Systems GSR 3-6	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Finalise Project Schedule & Timeline Finalise User Requirements (Use Case & SSD) Complete UI wireframe 	<ul style="list-style-type: none"> Extend Iteration 1 by one week (to end on 22 Mar 2013) Iteration 2 will start on 25 Mar 2013, Monday User requirements (SMU) completed (to be further discussed with ITU) UI wireframe (draft 1) completed (to be revised after discussion with ITU)
4	22 Mar 2013 1000h School of Business GSR 2-4	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Start on UI coding - Mainframes Complete Report 	<ul style="list-style-type: none"> Completed basic layout of the UI To touch up with the checkout page
5	26 Mar 2013 1100h School of Business Level 3 Benches	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Continue with UI coding Test with ITU codes 	<ul style="list-style-type: none"> Finalize UI to be integrate-ready
6	5 Apr 2013 1200h School of Economics Group Study Room 3-7	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Start working on the report Discuss user test cases Request more concrete information from ITU 	<ul style="list-style-type: none"> Finalize structure of ITU Report Drafting user test cases from use case Finalize list of web services to be invoked
7	8 Apr 2013 1200h SIS Level 4	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Pair Programming for Integration Invoking ITU Web services 	<ul style="list-style-type: none"> Updated ITU of available/working web services
8	9 Apr 2013 1430h SIS Level 3 Benches	All	<u>PM: Abby</u> <ul style="list-style-type: none"> Discuss test cases to include into Report 	<ul style="list-style-type: none"> Finalised Facebook login

			<ul style="list-style-type: none">■ Reflect on current status of application■ Pair Programming for Integration■ Invoking ITU Web service	<ul style="list-style-type: none">■ Finalised test cases for RentIt10 Application■ Finalised content on Report
9	11 Apr 2013 1130h SIS Level 4	All	<u>PM: Abby</u> <ul style="list-style-type: none">■ Discuss finalised Report content■ Reducing on scope of application due to time constraint■ Pair Programming for Integration■ Invoking ITU Web service	<ul style="list-style-type: none">■ Finalised Report to be submitted■ Finalised and update Application functions and its stat■ Finalised wiki content

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Group 10 UI Design

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UI Version 1

RENTIT

Browse

Search

Log in

Movies

TV Shows

Latest

Most popular

intro img

Log into RENTIT!

Email

Pwd

Can't remember your password?

First name

Last name

Email

Password

Join

Footer

RENTIT

Movies

Search

(0)

First Name

Account

Help

Log out

Latest

New Releases

img

img

img

img

Next Week

img

img

img

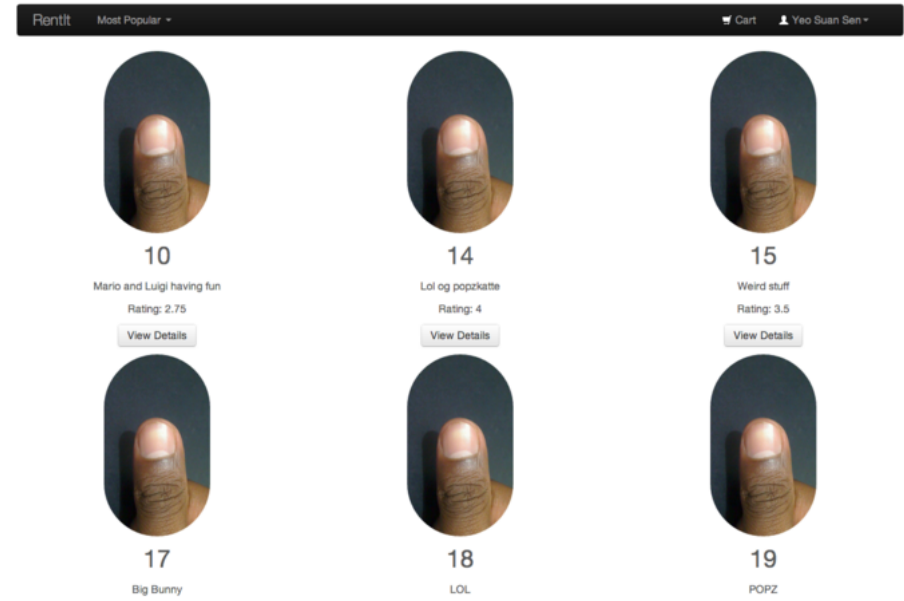
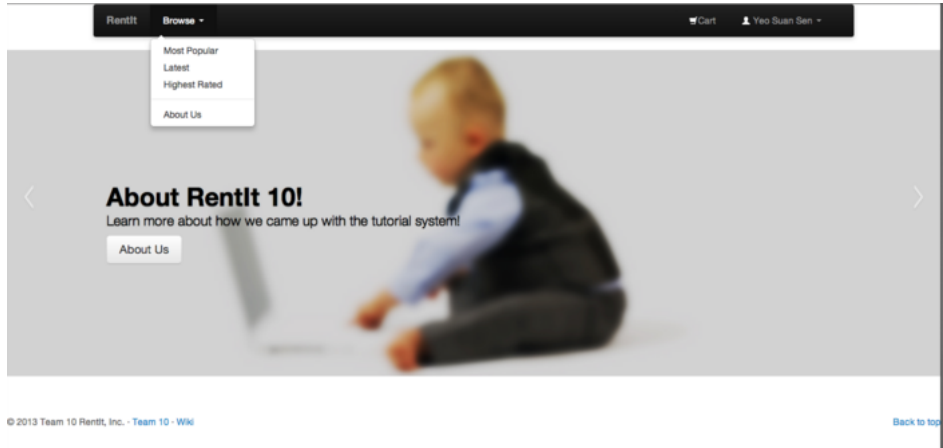
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Footer

After log in, directed to latest dvd movies releases page

UI Version 2 (Final)



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Group 10 About Us

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Team 10

Yeo Suan Sen

Ang Bi Xia Abby

Muhammad Faizal
Sukim



Sune Andreas
Dybro Debel

Anders Brorup
Jørgensen

Jacob Stenum
Czepluch

Christian Rostrup
Nielsen

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Group 10 Learn How To Use RentIt10

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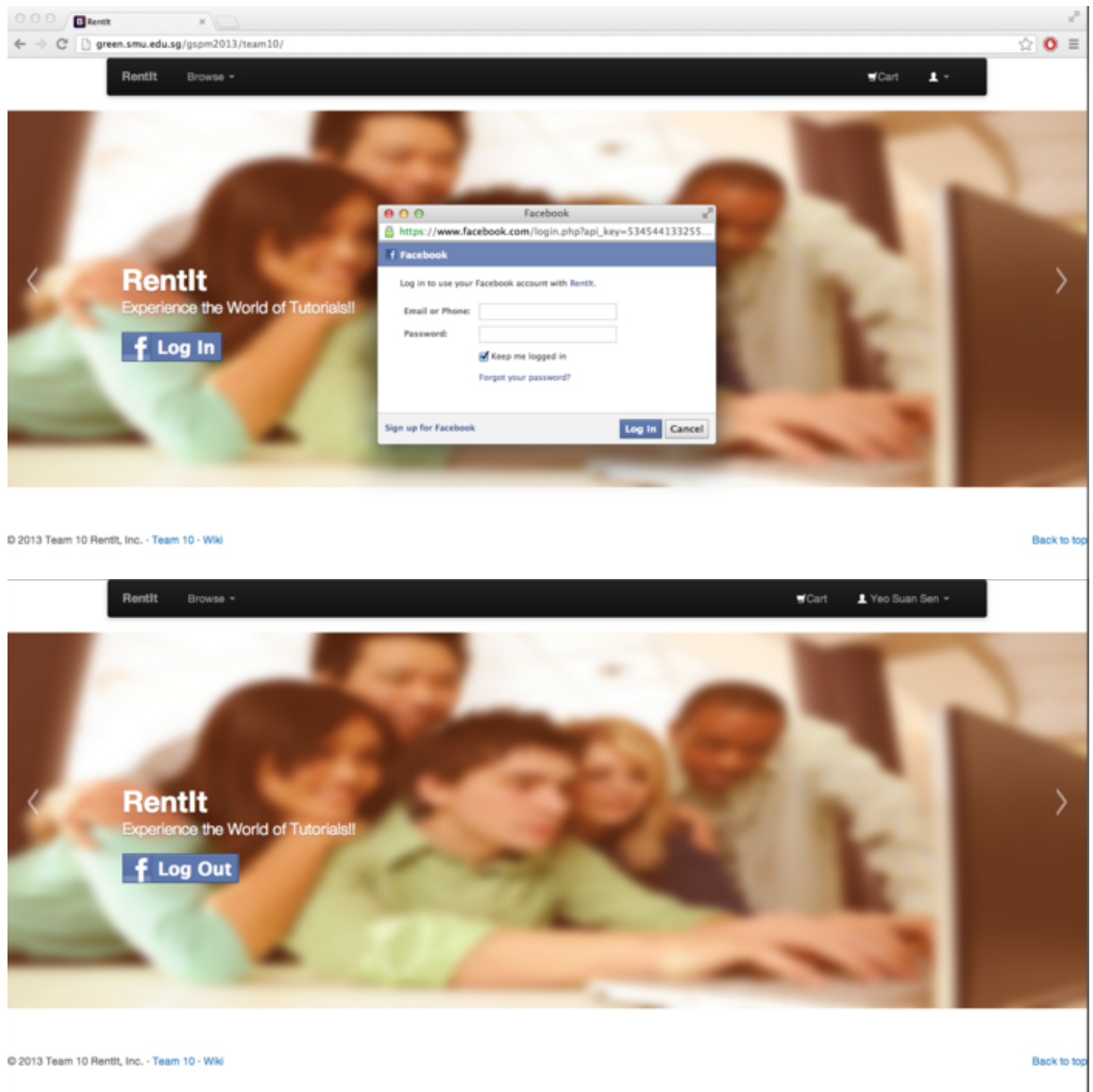
UI Design

About Us

Learn How
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RentIt10

User Guide

- Users need to login with their Facebook account



- Users need to purchase RentIt\$ in order to pay for Tutorials

Buy RentIt Credits

Card Name

Card No.

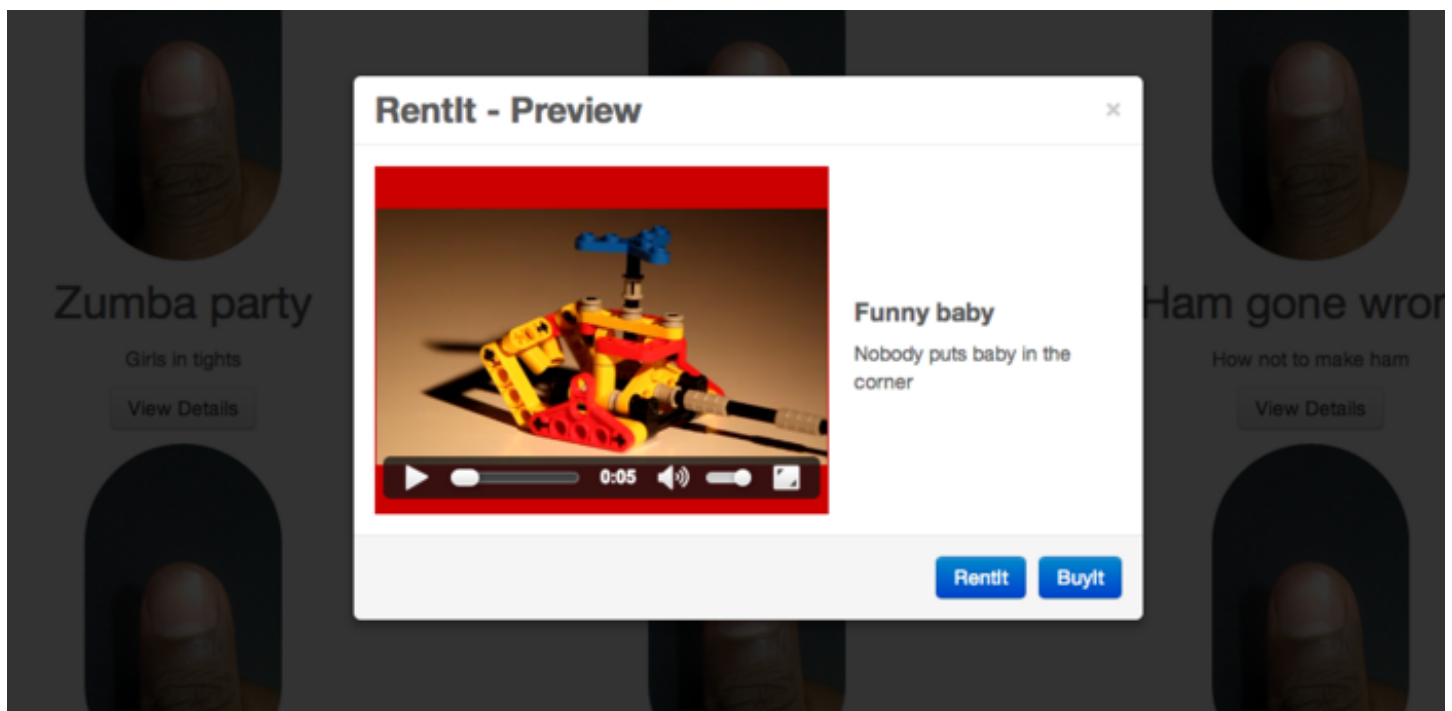
Expiration Date

CVC


Card Type ☒ Visa ☐ Mastercard

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- Users have a choice of either renting or purchasing Tutorials:
 - Renting a Tutorial allow users to have access to Tutorial for a fixed period of time (1 month)
 - Purchasing a Tutorial allow users to own and download the Tutorial



- Users can add Tutorials into a shopping cart
- Users may edit and update shopping cart before confirming payment

RentIt			
Browse ▾			
Cart Yeo Suan Sen ▾			
ITEM	DESCRIPTION	STATUS	UNIT PRICE
	Funny Baby Nobody puts baby in the corner	<input type="button" value="RentIt"/> <input type="button" value="BuyIt"/>	R\$20.00
			<input type="button" value="Remove from cart"/>
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