Tubelist Software Requirement Specification

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1. Revision History

Date	Version	Description	Author
2013/12/09	1.0	Create	phienkv

2. Introduction

2.1. Purpose

- Tubelist is web application which provides online video service to everyone for creating, sharing video list.
- The users access the website and easily create video list from popular site (youtube, lastfm, etc) and share their video lists.

2.2. Scope

- User can create video audio list from youtube and other popular websites
- User can listen video audio list of other users
- There are two main page for users :
  - **My tubelist:** Users can listen their tubelist which created before. They also can create and share new tubelist.
  - **Home tubelist:** Users can listen tubelist which created by other users. They also can share, comment on this tubelist.
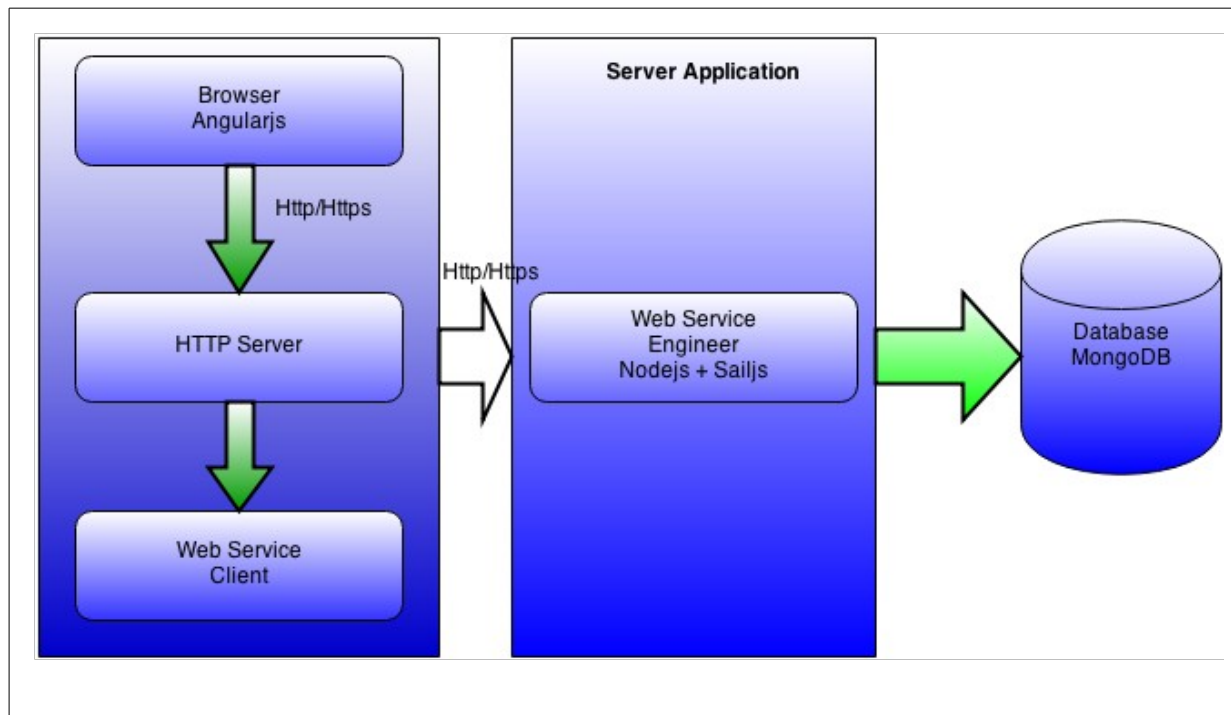
2.3. Definitions, Acronyms and Abbreviations

- Tubelist: A list of videos form youtube or popular websites.
- SRS: Software Requirements Specification

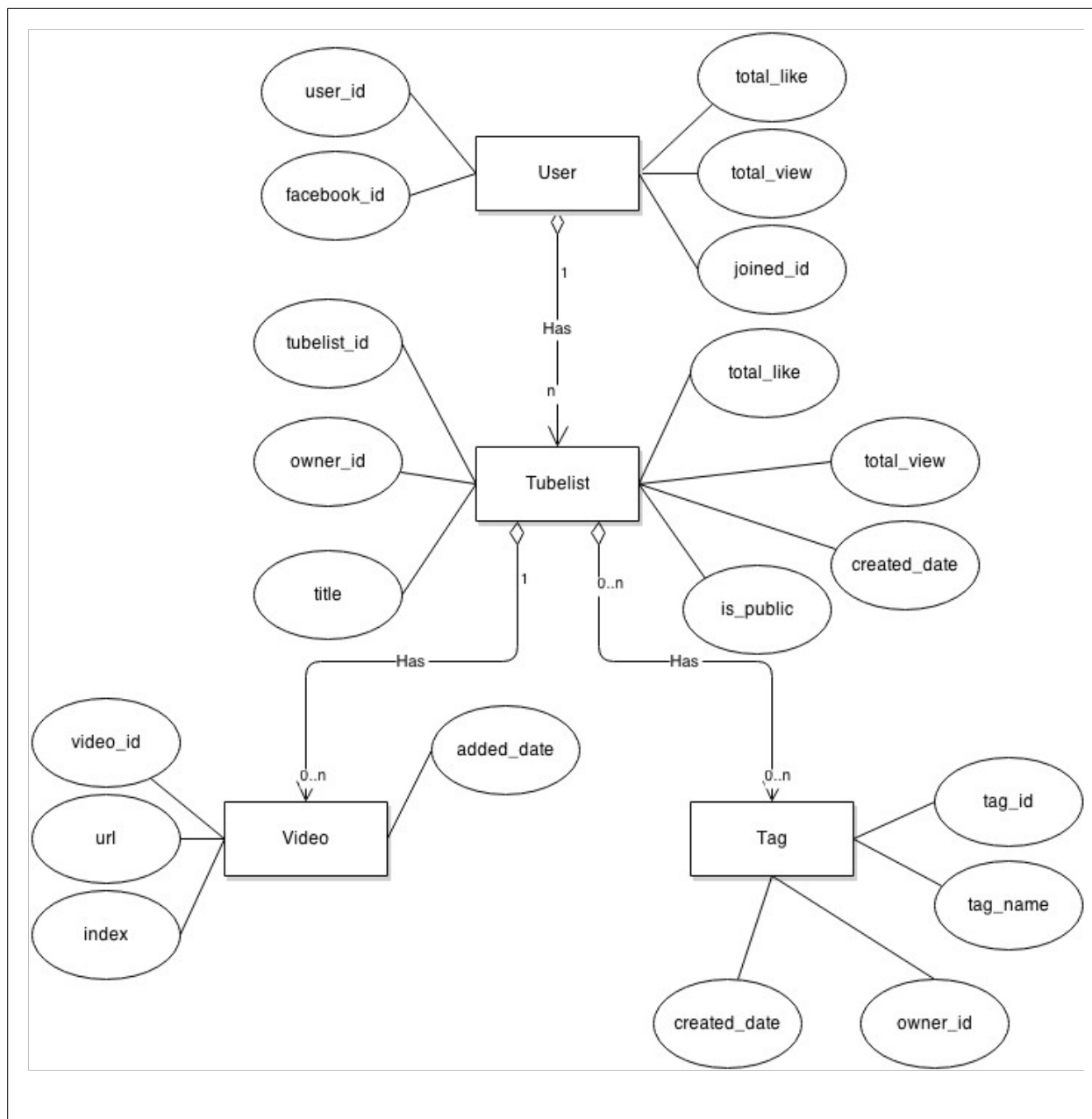## 2.4. References

- IBM SRS Template
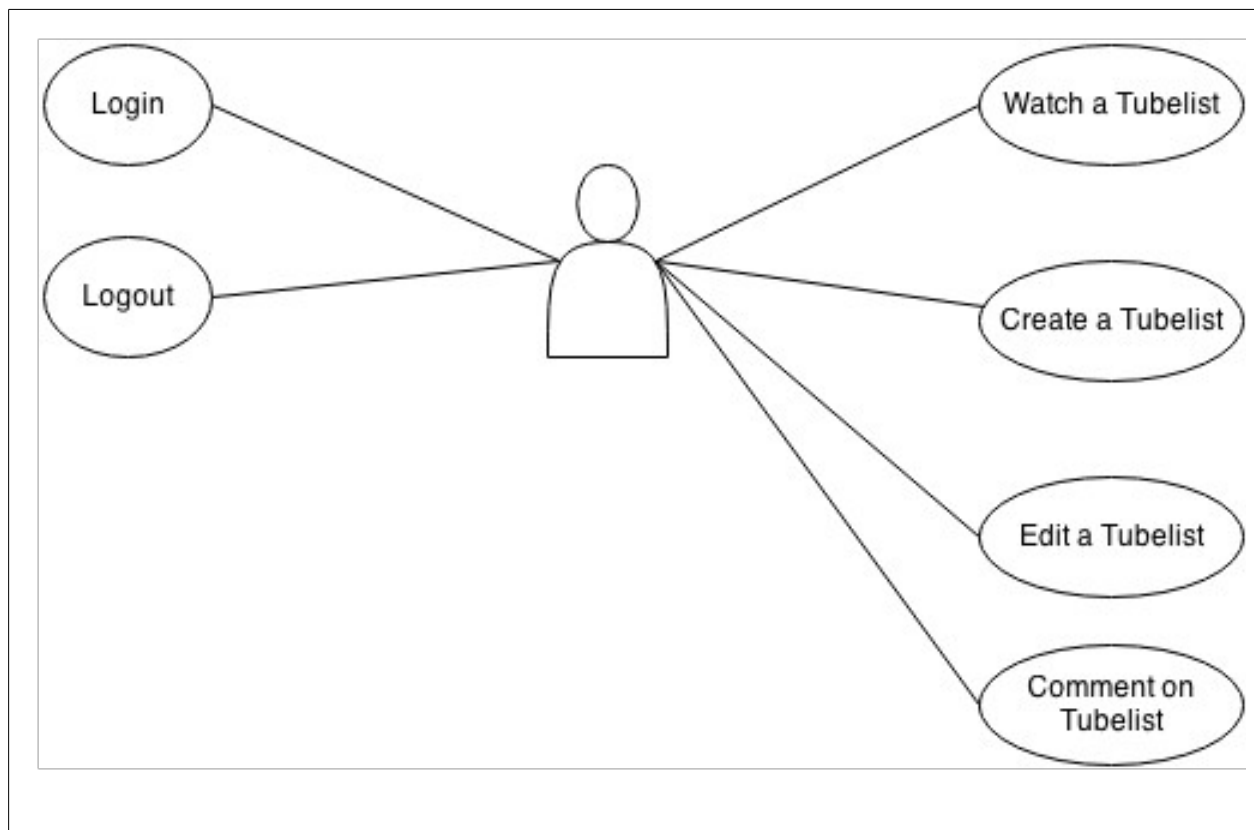
3. Overall Description
3.1. Product Perspective

3.2. Constrains
- In first version just using Youtube for creating tubelists.

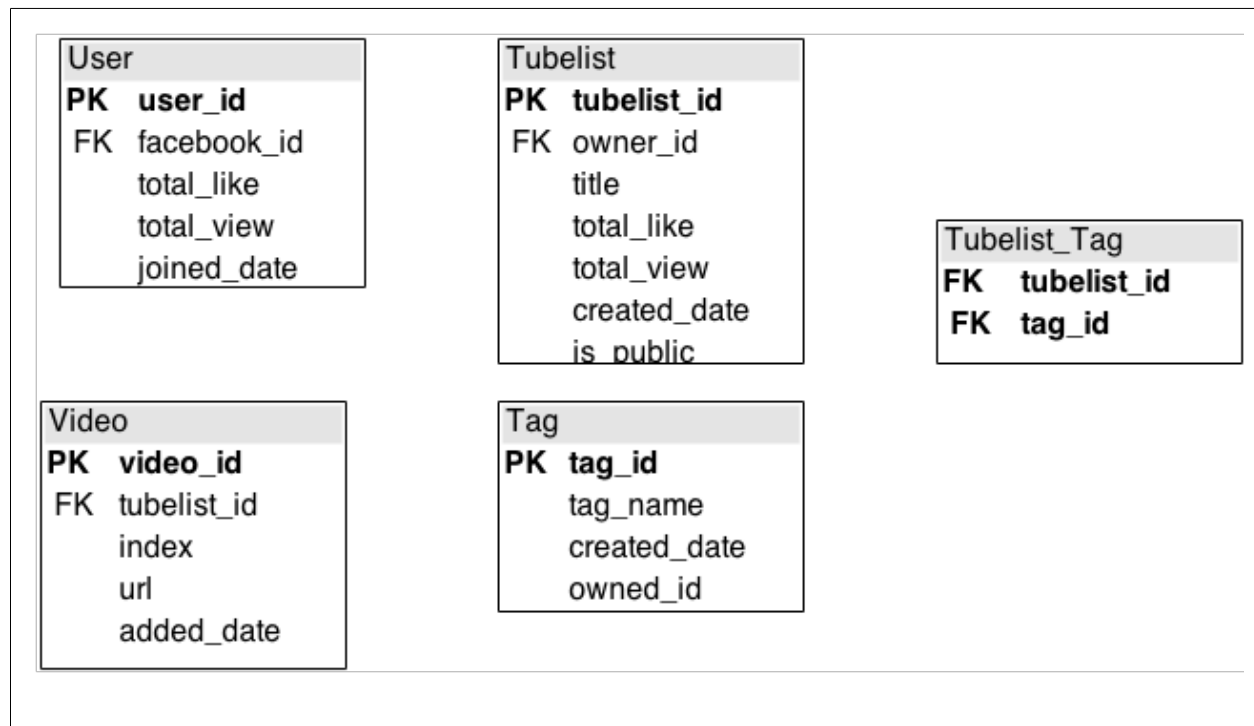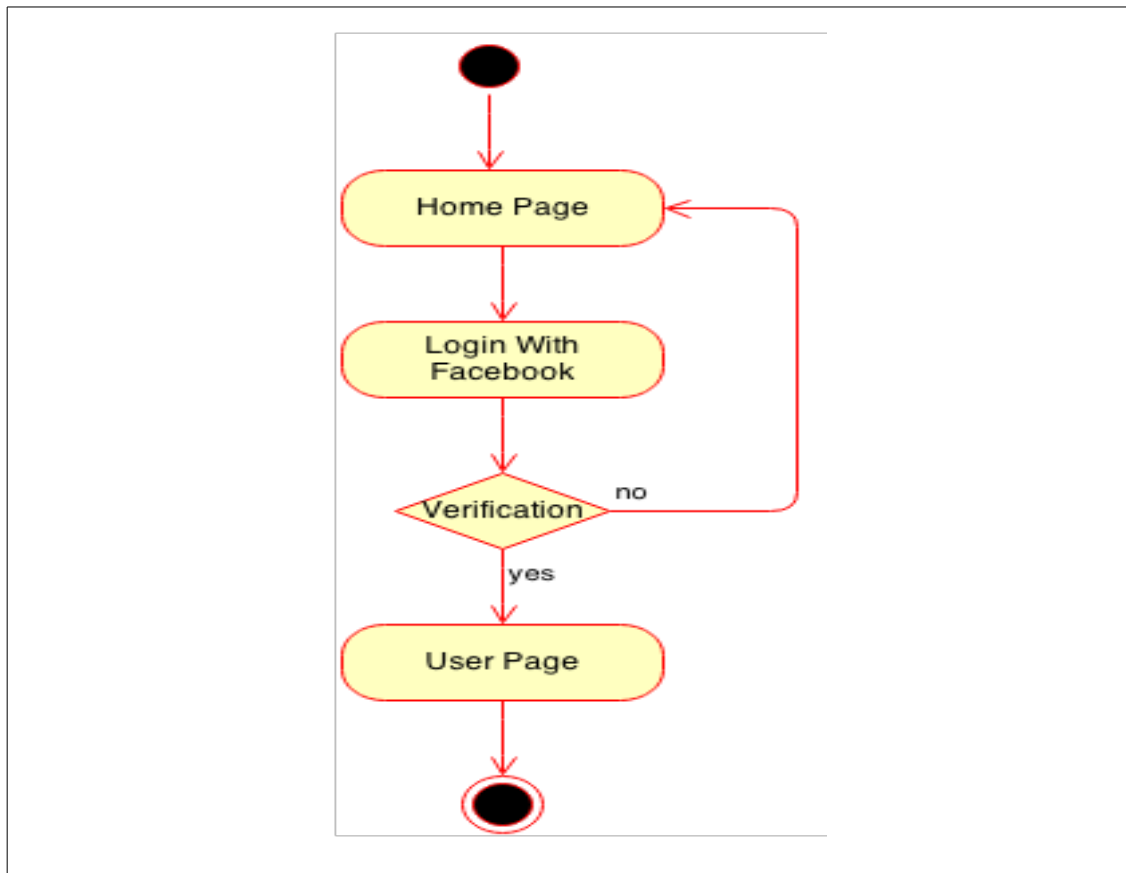## 3.3. **ER Diagrams**

3.4. Use-Case Model Survey

3.5. Database Design

4. Specific Requirements
4.1. R1 – Login
4.1.1. Login activity

4.1.2. Descriptions
- User can login by facebook

4.1.3. User Interface
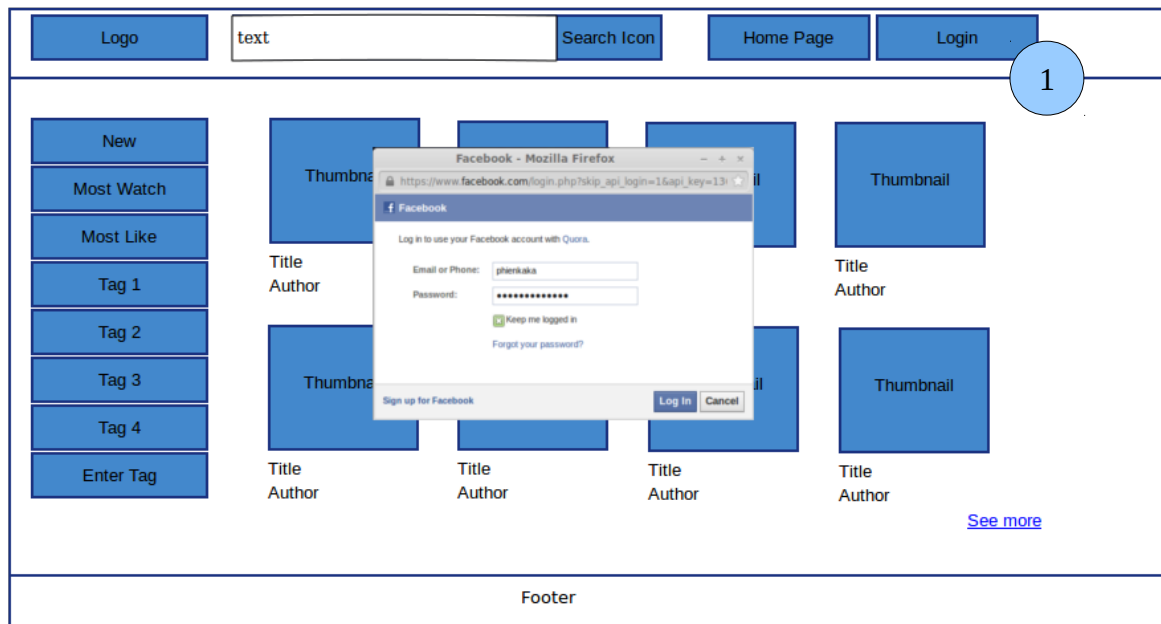
4.1.4. Data Field

No.	Item	Type	Description
1	btnLogin	Button	Click to show login facebook dialog

4.1.5. User Interaction
- User can click btnLogin (1) to display login facebook dialog and then login with facebook

4.2. R2 – Logout
4.2.1. Logout Activity
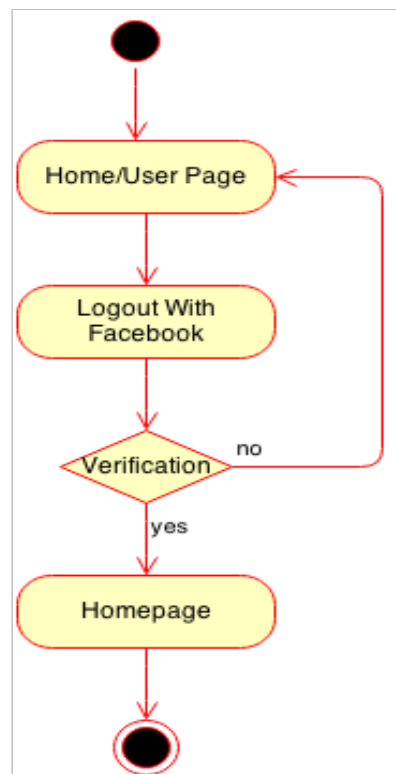
4.2.2.   Descriptions
- User can logout and back to home page

4.2.3.   User Interface
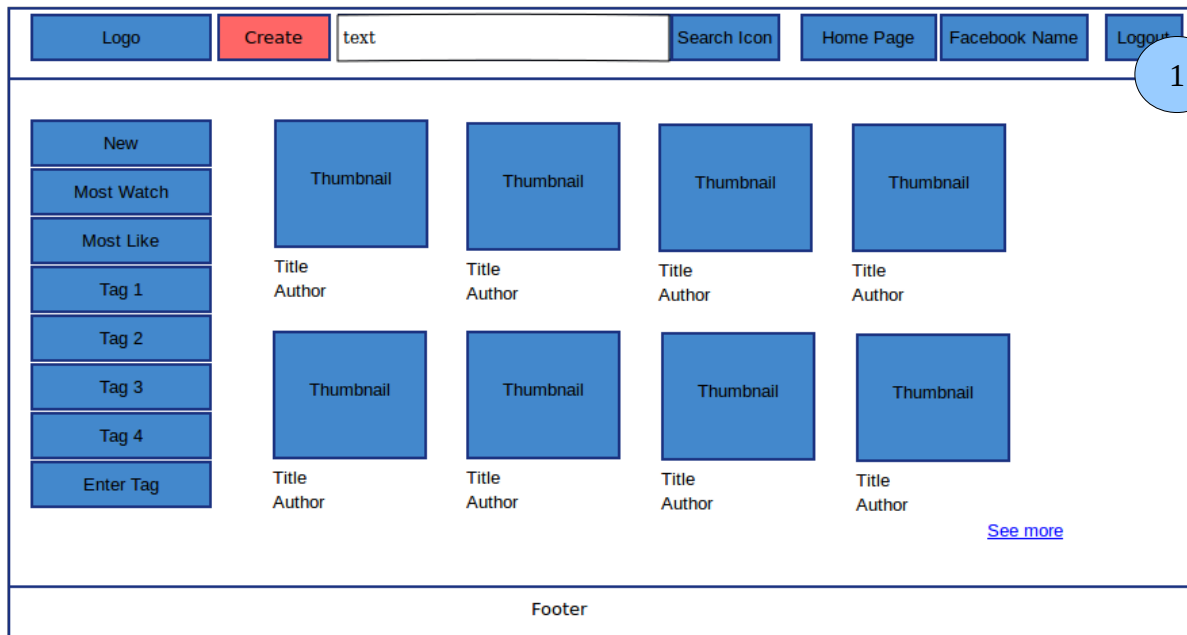
4.2.4. Data field

No.	Item	Type	Description
1	btnLogout	Button	Click to logout

4.2.5. User Interaction

- User can click on btnLogout (1) to logout and go to Home Page

4.3. R3 – Create a Tubelist
4.3.1. Actitity

4.3.2. Descriptions
- User can create a new Tubelist
- Pre-Condition
  - User must login
- Post-Condition
  - N/G

4.3.3. User Interface
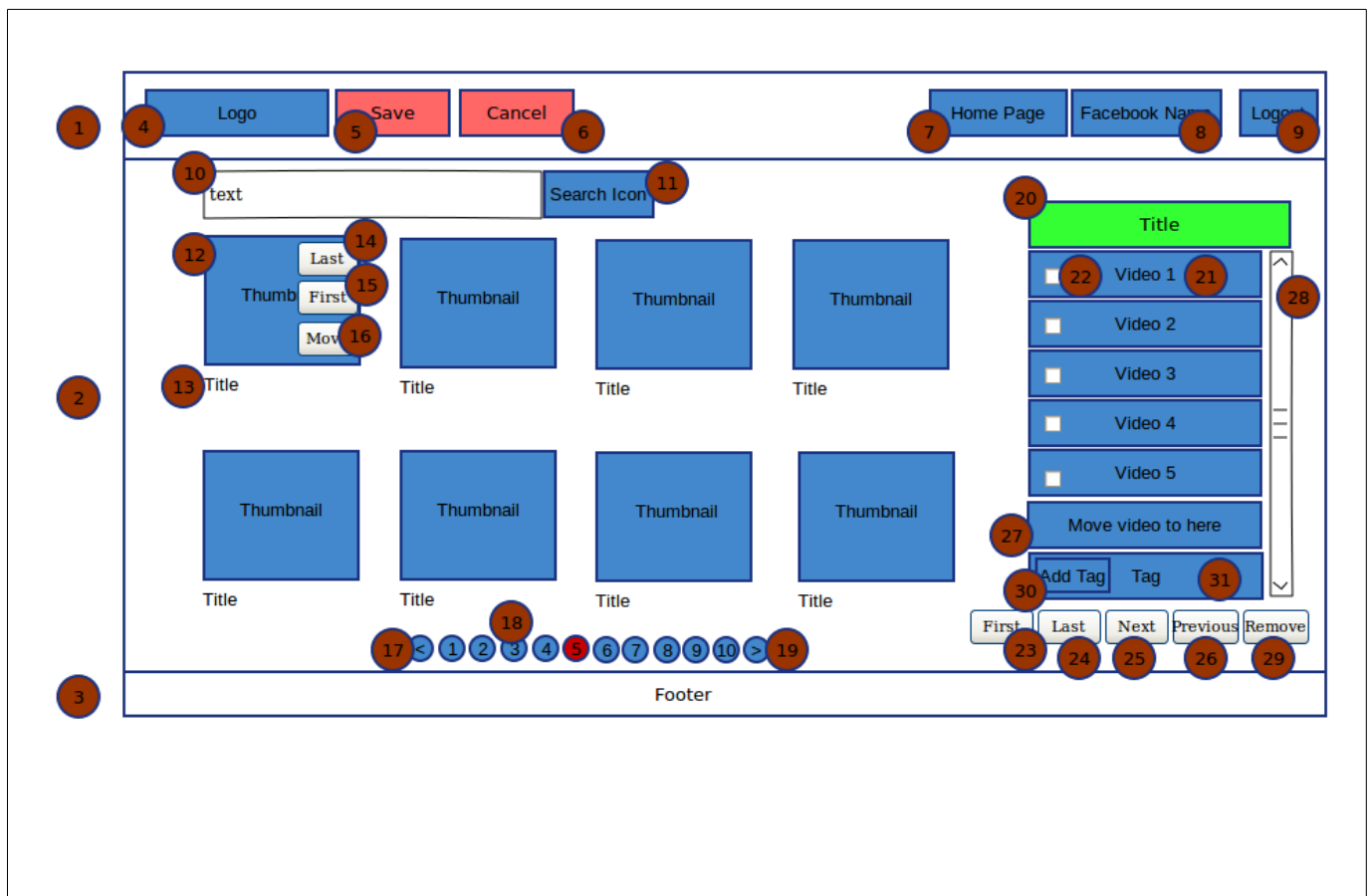
4.3.4.   Data Field

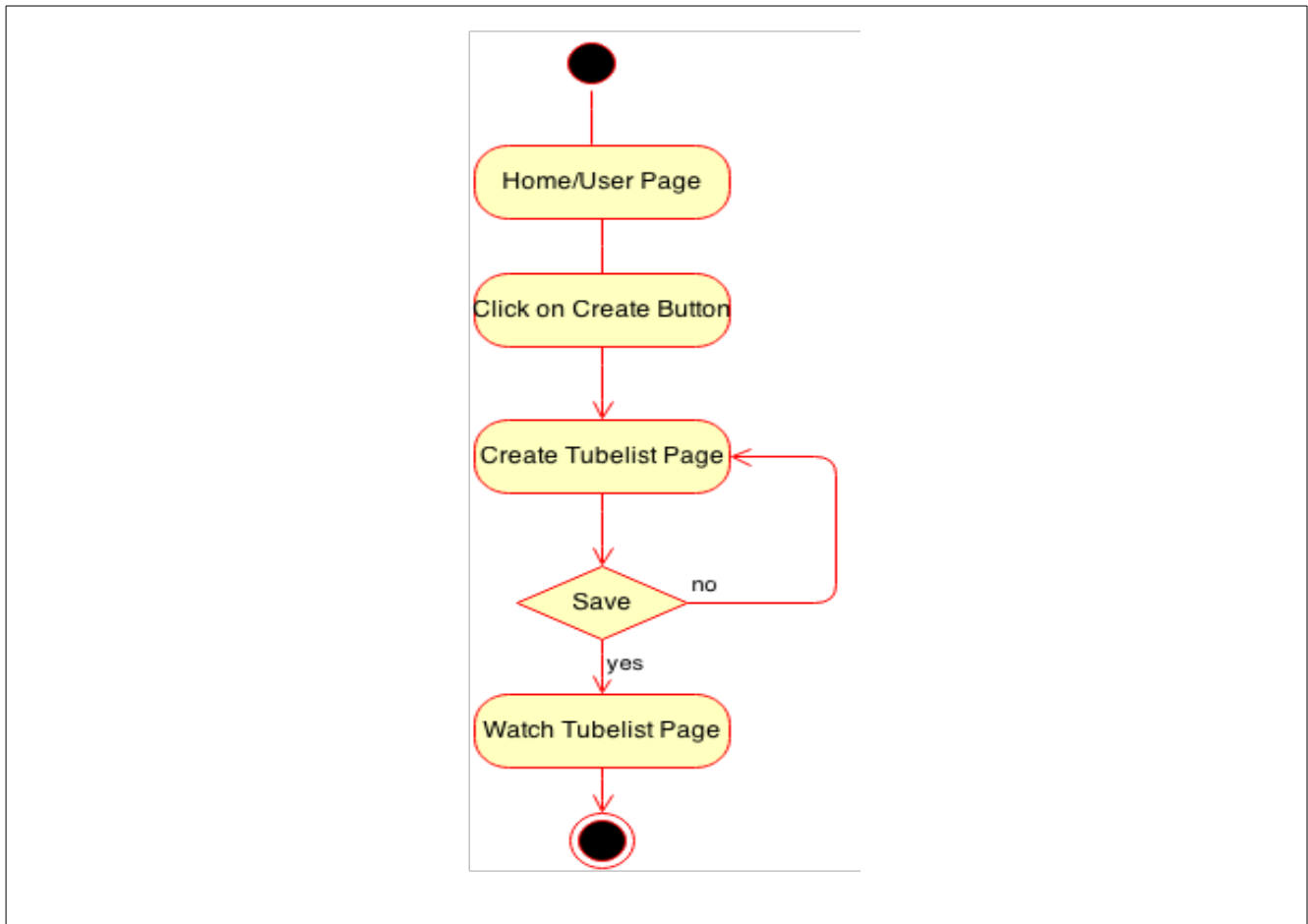| No.	Item	Type	Description
1	layoutHeader	Layout	Header Field
2	layoutBody	Layout	Body Field
3	layoutFooter	Layout	Footer Layout
4	ImgLogo	Image	Logo Image
5	BtnSave	Button	Save Button
6	BtnCancel	Button	Cancel Button
7	TabHomepage	Tab	Home Page Tab
8	TabMyPage	Tab	Show Facebook Name
9	BtnLogout	Button	Logout Button
10	TxtboxSearch	Text	Text Box
11	BtnSearch	Button	Search Button
12	imgThumbnail	Image	Thumbnail of Video

| 13	TxtTitle	Text Field	Title of Video
14	BntLast	Button	Click to move video to last of list
15	BtnFirst	Button	Click to move video to first of list
16	BtnMove	Button	Hold and move to every where in list
17	BtnPrevious	Button	Click to move previous list video
18	BtnPage	Button	Click to move choices list video
19	BtnNext	Button	Click to move next list video
20	TxtTitleList	Text Field	Title of tubelist
21	TxtTitleVideo	Text Field	Title of Video
22	CheckVideo	Check Box	Click to choise a video for specific function
23	BtnMoveToFirst	Button	Specific function for checked Video/Videos
24	BtnMoveToLast	Button	Specific function for checked Video/Videos
25	BtnMoveToNext	Button	Specific function for checked Video/Videos
26	BtnMoveToPrevious	Button	Specific function for checked Video/Videos
27	TextMoveDescription	Text Field	Text Description for users
28	SeekbarTubelist	Seek Bar	Seek Bar of tubelist
29	BtnRemove	Button	Specific function for checked Video/Videoss
30	BtnAddTag	Button	Add Tag Button
31	TxtListTag	Text Field	Text Field of All Tag belong with Tubelist

4.3.5.   *User Interaction*
- User can click on imgLogo (4) to go to "Home Page"
- User click on btnSave (5) to save tubelist and go to "My Page"
- User click can click on btnCancel (5) to cancel edit on Tubelist
  - A message box will be showed to confirm user cancel
  - If user agrees to cancel, redirect to "My Page"
  - If user does not agree to cancel, stay on this page
- User click on btnHomePage (7) to redirect to "Home Page"
  - A message box will be showed to confirm user.
  - If user agrees, redirect to "Home Page"
  - If user does not agree, stay on this page
- User click on btnLogout (9) to logout
  - A message box will be showed to confirm logout
  - If user agrees, logout and redirect to "Home Page"
  - If user does not agree, stay on this page
- User can click on txtboxSearch (10) to type and search videos on specific page (Youtube, lastfm, etc)
- User can click on btnSearch (11) to search videos on specific page

- ○ User also can press "Enter" key on txtboxSearch (10) instead of click on this button
- User can click on btnLast (14) to quick move choose video to last of tubelist
- User can click on btnFirst (15) to quick move choose video to first of tubelist
- User can hold and move btnMove (15) to move choose video to every where in tubelist
  - ○ After user hold this button, a new field will be display at pointer with format like video on tubelist (format like 21)
  - ○ If user unhold this field will be hide
  - ○ User move this field on specific location on tubelist
- User can hold and move txtTitleVideo (21) to specific position or move out of list to remove it.
- User can click on checkboxVideo (22) to choice any video for specific function
- User can click on btnMoveToFirst (23) to move all choose videos to first of tubelist
- User can click on btnMoveToLast (24) to move all choose videos to last of tubelist
- User can click on btnMoveToNext (25) to move all choose videos to next position of tubelist
- User can click on btnMoveToPrevious (26) to move all choose videos to previous position of tubelist
- User can hold and move seekbarTubelist (28) to see list of videos in tubelist
- User can click on btnRemove (29) to remove all choose videos
- User can click on btnAddTag (30) to display popup dialog for adding new Tag

4.4. R4 – Edit a Tubelist

4.4.1. Activity
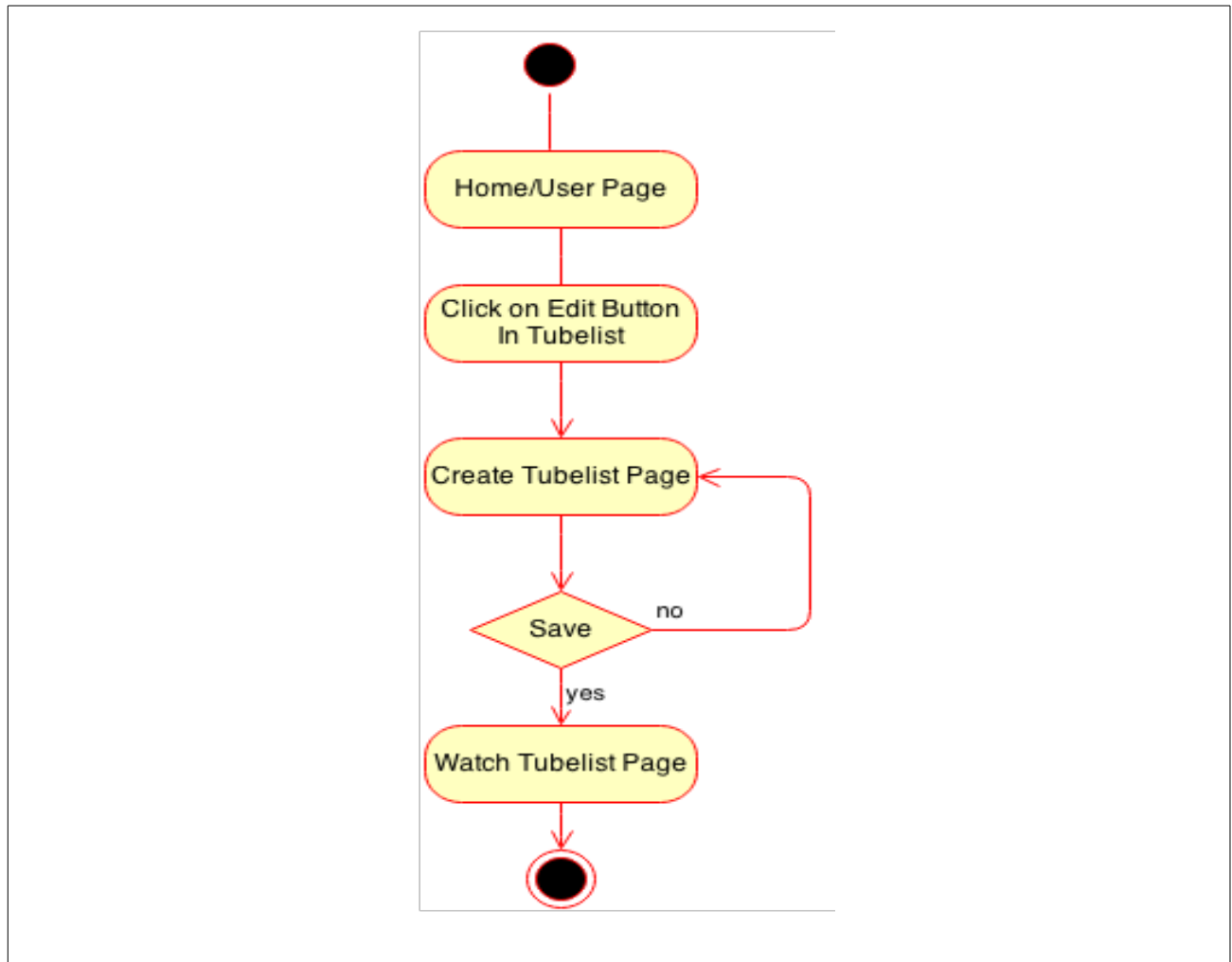
4.4.2. Descriptions
- User can edit his/her tubelist
- When user click on edit tubelist, page will be redirect to create tubelist page

4.4.3. User Interface
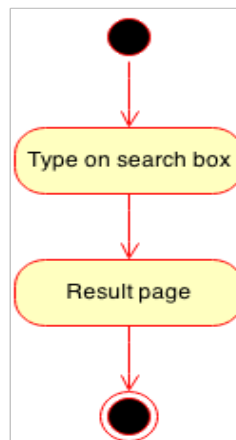- Like create tubelist

4.4.4. Data Field
- Like create tubelist

4.4.5. User Interaction
- Like create tubelist

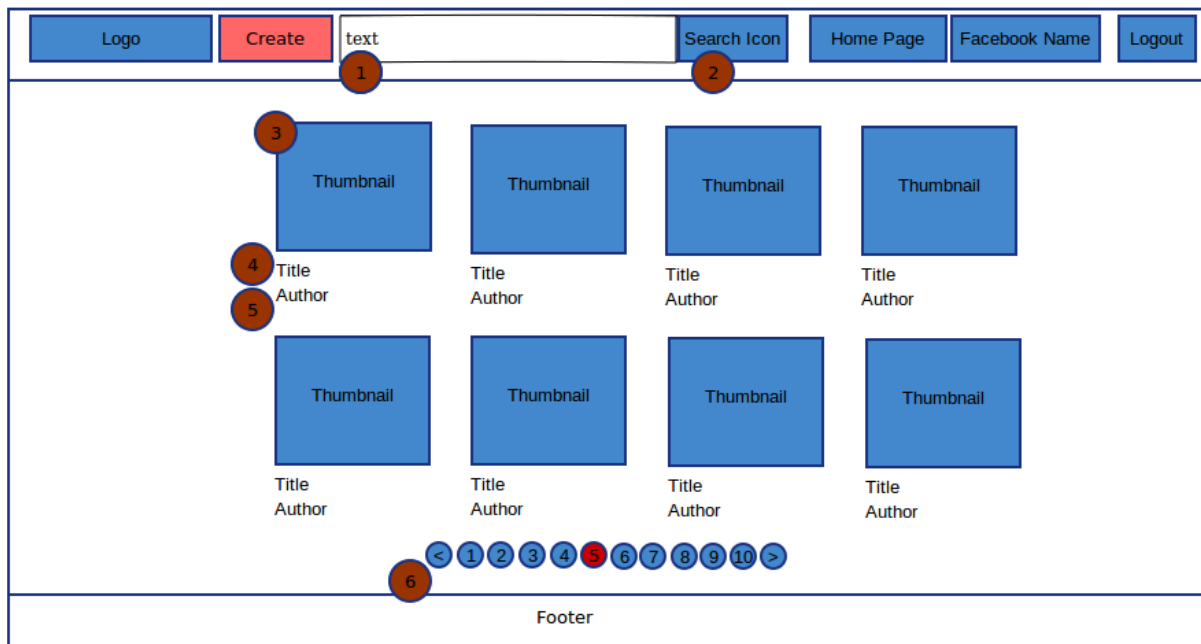**4.5.   R5 – Search a Tubelist**
4.5.1.   Activity

4.5.2.   Descriptions
- User can search to watch a tubelist

4.5.3.   User Interface

4.5.4.   Data Field

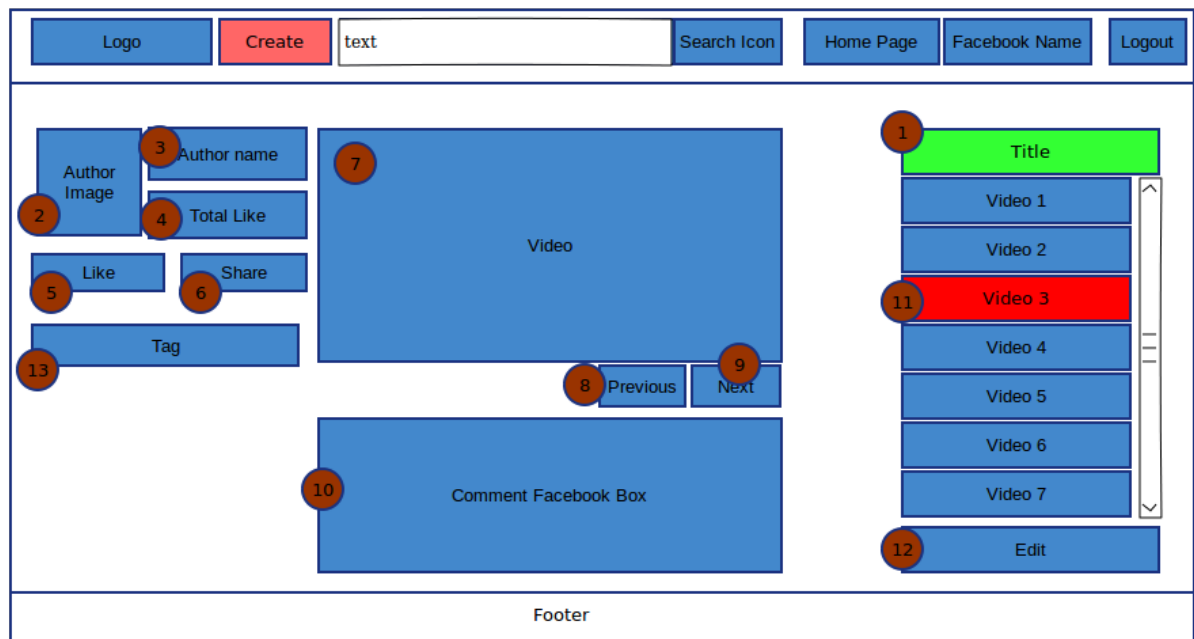| No.	Item	Type	Description
1	TxtSearch	Text Field	Type text to search
2	BtnSearch	Button	Click to search
3	imgThumbnail	Image	Thumbnail of tubelist
4	TxtTitle	Text Field	Title of tubelist
5	TxtAuthor	Text Field	Author of tubelist
6	Pagination	Pagination	Like Create Tubelist

4.5.5.   User Interaction
- User can type on txtSearch (1) for searching tubelist. Search will be focus on
  - Title of tubelist

- ○ Author of tubelist
- User can click on btnSearch (2) to search tubelist.
  - ○ User can press "Enter" key on txtSearch instead of clicking on btnSearch
- User can click on imgThumbnail (3) or txtTile (4) to watch tubelist.
- User can click on txtAuthor (4) for searching tubelist with key that is author name
- User can interact with pagination same like pagination on create tubelist page

4.6.   R6 – Watch Tubelist
4.6.1.   Activity
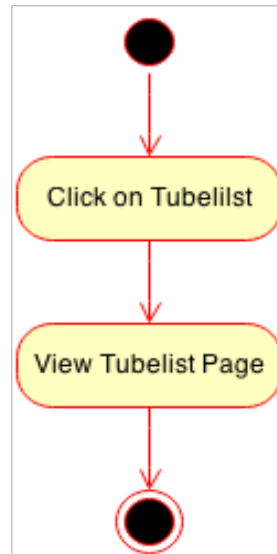
4.6.2.   Descriptions
- User can view a tubelist by click on it's thumbnail
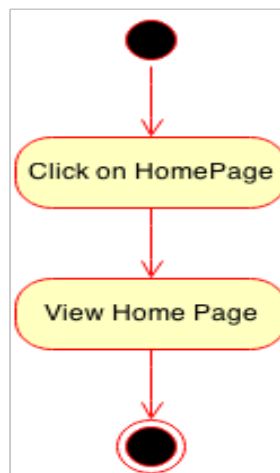
4.6.3.   User Interface

4.6.4. Data Field

No.	Item	Type	Description
1	TxtTitleTubelist	Text Field	Title of tubelist
2	ImgAuthor	Image	Image of Author form facebook
3	TxtAuthor	Text Field	Author Name
4	TxtTotalLike	Text Field	Total Like of Author
5	BtnLike	Button	Like button from Facebook
6	BtnShare	Button	Share button from Facebook
7	VideoWatching	Video	Video
8	BtnPrevious	Button	Previous Button
9	BtnNext	Button	Next Button
10	FieldComment	Field	Comment Facebook Field
11	FieldCurrentVideo	Field	Current Video Playing
12	BtnEditTubelist	Button	Edit Tubelist Button
13	TxtTag	Text Field	List of Tag belong with Tubelist

4.6.5.   *User Interaction*
- User can click on imgAuthor (2) to go to facebook page of author
- User can click on txtAuthor (3) to go to search video by name of author as a key
- User can click on btnLike (5) to like this tubelist
- User can click on btnShare (6) to share this tubelist
- User can watching video on videoWatching (7)
- User can click on btnPrevious (8) for watching previous video on this tubelist
- User can click on btnNext (9) for watching next video on this tubelist
- User can comment on fieldComment (10) to comment using facebook comment box
- User can click on any video on tubelist to watching. And this field (11) will be change to different color
- User can click on btnEdit (12) to edit this tubelist. It is enable if only this is his/her tubelist
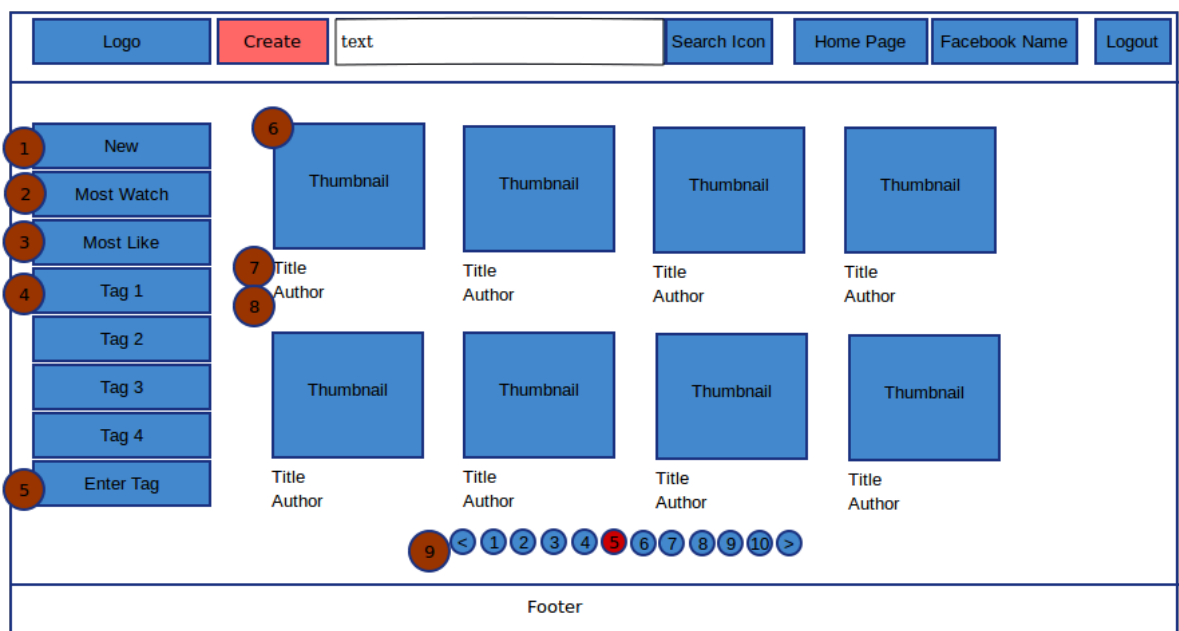
4.7. R8 – View Home Page Tubelists
4.7.1. Activity

4.7.2. Descriptions
- User can click on "Home Page" button on Header to view Home Page Tubelist
- Home Page Tubelist contain every tubelist of all users by specific way

4.7.3. User Interface

4.7.4. Data Field
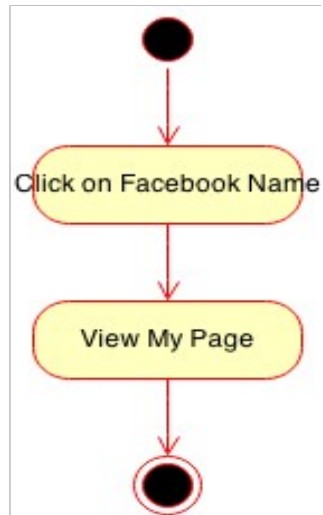
No.	Item	Type	Description
1	BtnNew	Button	New Button
2	BtnMostWatching	Button	Most Watch Button
3	BtnMostLike	Button	Most Like Button
4	BtnTag	Button	Tag Button
5	TxtTag	Text Field	Text Field for Enter Tag
6	ImgThumbnail	Image	Thumbnail of Tubelist
7	TxtTitle	Text Field	Title of Tubelist
8	TxtAuthor	Text Field	Author of Tubelist
9	Pagination	Pagination	Pagination of list Tubelist

4.7.5. User Interaction
- User can click on btnNew (1) for view list of new tubelist
- User can click on btnMostWatching (2) for view list of most watching tubelist
- User can click on btnTag (4) for view list of tubelist by this Tag
- User can type on txtTag (5) for view list of tubelist by enter Tag (this field include suggestion)
- User can click on imgThumbnail (6) and txtTitle (7) for view tubelist
- User can click on txtAuthor by searching tubelist with author name as a key
- User can control Pagination (9) for quick move to view other tubelist (like create tubelist pagination)
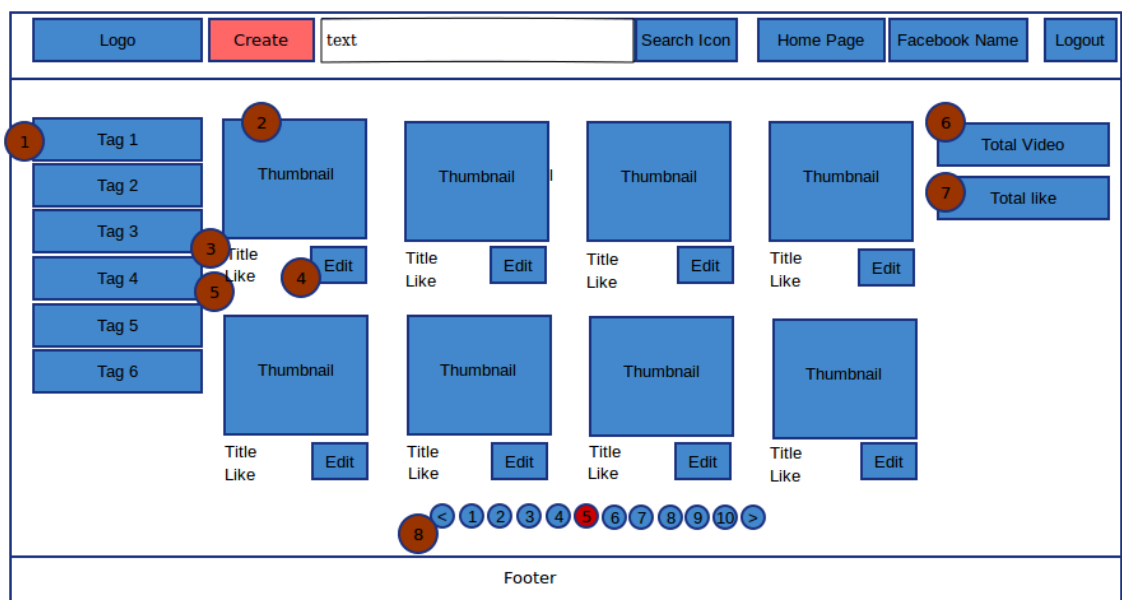
4.8.   R9 – View My Page Tubelists
4.8.1.   Activity

4.8.2.   Descriptions
- User can view "My Page" with
  - His/Her tubelists
  - Total Like

4.8.3.   User Interface

4.8.4. Data Field

No.	Item	Type	Description
1	BtnTag	Button	Tag of Tubelist
2	ImgThumbnail	Image	Thumbnail of Tubelist
3	TxtTitle	Text Field	Title of Tubelist
4	BtnEdit	Button	Quick Edit Button
5	TxtLike	Text Field	Total Like of Tubelist
6	TxtTotalTubelist	Text Field	Total Tubelist of User
7	TxtTotalLike	Text Field	Total Like of User
8	Pagination	Pagination	Like Pagination in Create Tubelist

4.8.5. User Interaction
- User can click on btnTag (1) to view tubelist contain with this Tag
- User can click on imgThumbnail (2) and txtTitle (3) to view tubelist
- User can click on btnEdit (4) to edit tubelist

5.   Supporting Information