



# CS3249 PROJECT

“Bookmark  
Management  
Software”  
(BMS)

**Done By:**

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Rose Marie Tan  
Sing Keng Hua*

# BMS is...

- A *stand-alone application* designed for *frequent Internet users* to help them organize *bookmarks* of pages they frequently use for *easy reference*.

# Program Demo

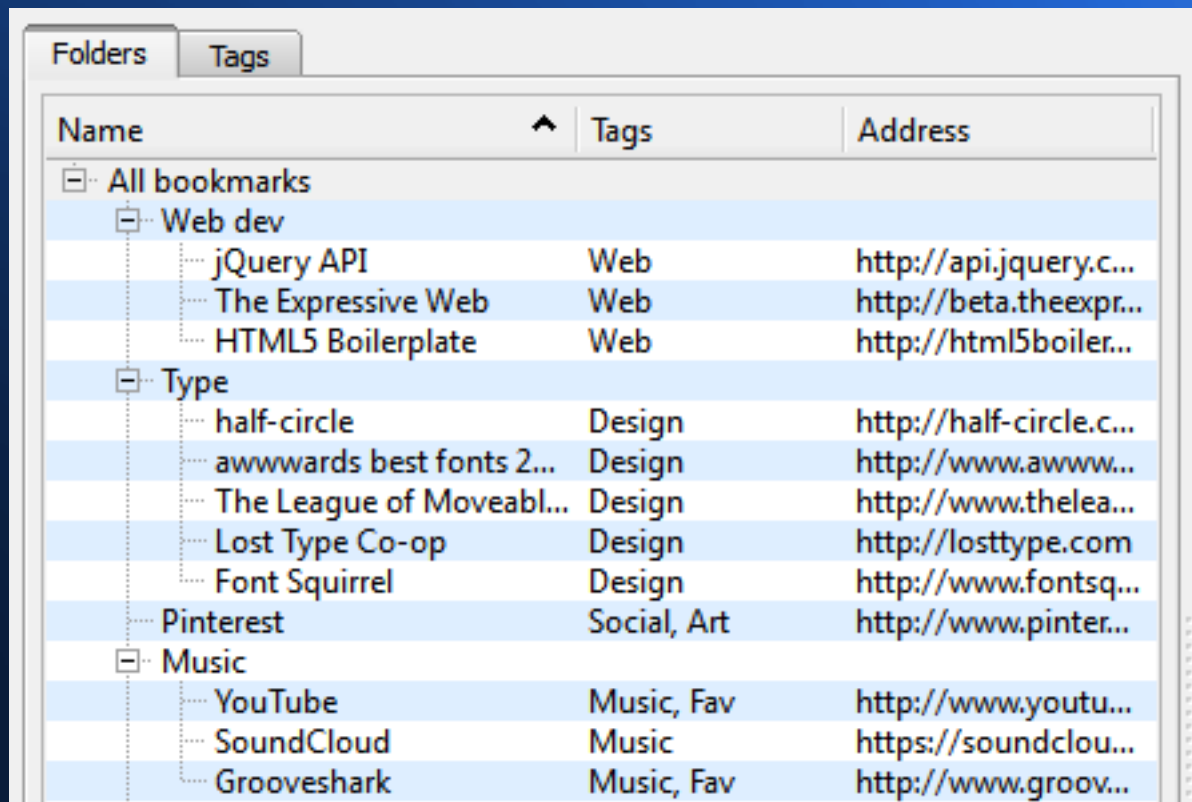
# BMS Features

- A Bookmark contains a *title*, *URL* and *tags*.

Name	Tags	Address
[-] All bookmarks		
[-] Web dev		
jQuery API	Web	<a href="http://api.jquery.com/">http://api.jquery.com/</a>
The Expressive Web	Web	<a href="http://beta.theexpressiveweb.com/">http://beta.theexpressiveweb.com/</a>
HTML5 Boilerplate	Web	<a href="http://html5boilerplate.com/">http://html5boilerplate.com/</a>
[-] Type		
half-circle	Design	<a href="http://half-circle.com">http://half-circle.com</a>
awwwards best fonts 2...	Design	<a href="http://www.awwwards.com/100-greatest-free-fonts-...">http://www.awwwards.com/100-greatest-free-fonts-...</a>
The League of Moveabl...	Design	<a href="http://www.theleagueofmoveabletype.com">http://www.theleagueofmoveabletype.com</a>
Lost Type Co-op	Design	<a href="http://losttype.com">http://losttype.com</a>
Font Squirrel	Design	<a href="http://www.fontsquirrel.com">http://www.fontsquirrel.com</a>

# BMS Features

- Bookmarks can be stored independently or in *folders*.

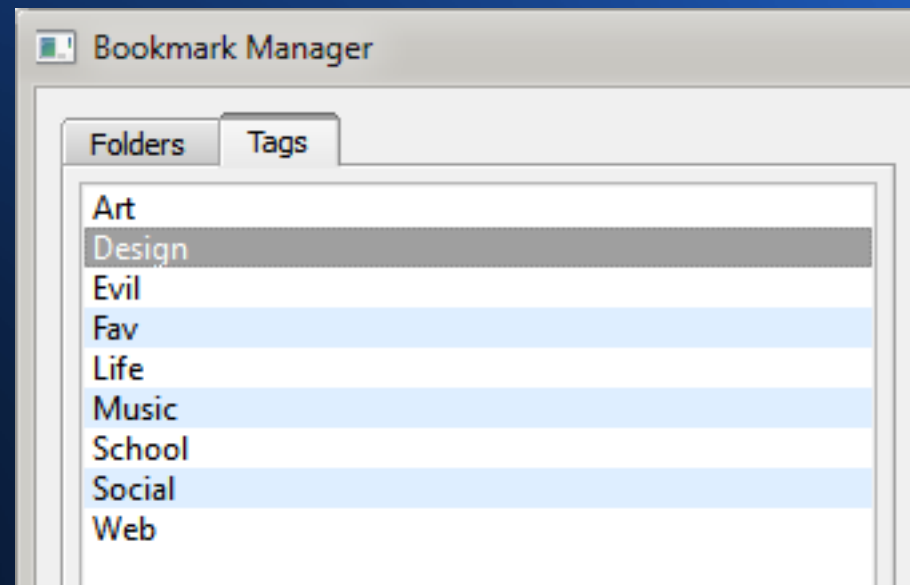


The screenshot shows a browser's bookmark manager interface. It has two tabs: 'Folders' and 'Tags'. The 'Folders' tab is active, displaying a tree view of bookmark folders. The 'Tags' tab is also visible. Below the folder view, there is a table listing individual bookmarks with columns for Name, Tags, and Address.

Name	Tags	Address
[-] All bookmarks		
[-] Web dev		
jQuery API	Web	http://api.jquery.c...
The Expressive Web	Web	http://beta.theexpr...
HTML5 Boilerplate	Web	http://html5boiler...
[-] Type		
half-circle	Design	http://half-circle.c...
awwwards best fonts 2...	Design	http://www.awwww...
The League of Moveabl...	Design	http://www.thelea...
Lost Type Co-op	Design	http://losttype.com
Font Squirrel	Design	http://www.fontsq...
Pinterest	Social, Art	http://www.pinter...
[-] Music		
YouTube	Music, Fav	http://www.youtu...
SoundCloud	Music	https://soundclou...
Grooveshark	Music, Fav	http://www.groov...

# BMS Features

- Bookmarks can be accessed by *location*, *associated tag*.



Folders Tags

- Art
- Design
- Evil
- Fav
- Life
- Music
- School
- Social
- Web



100  
HOME  
FREE

all about the quality...

up 10 Date

Advent

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100 GREATEST FREE FONTS

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LOSTTYPE

Mission Gothic

DUDE!

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FREE FONT

Source

abd.seeb

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AWWWARDS

Recent Articles

Designpiration

TAXI

100 GREATEST FREE FONTS

AWWWARDS

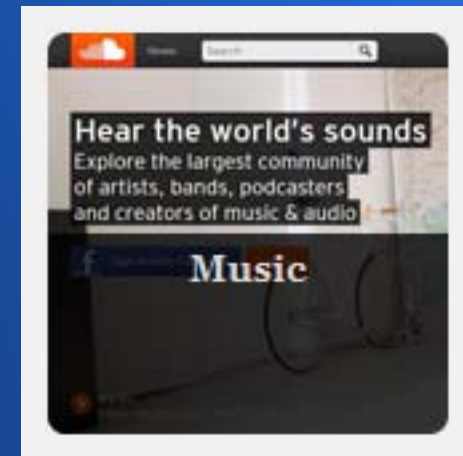
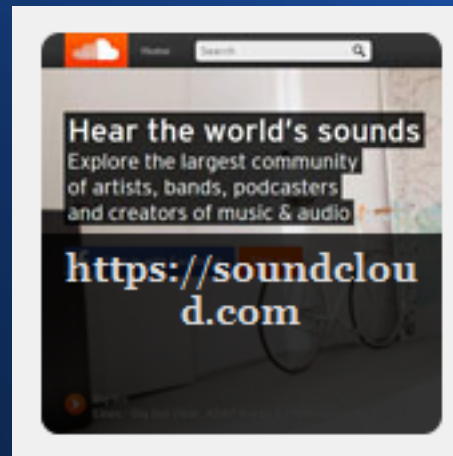
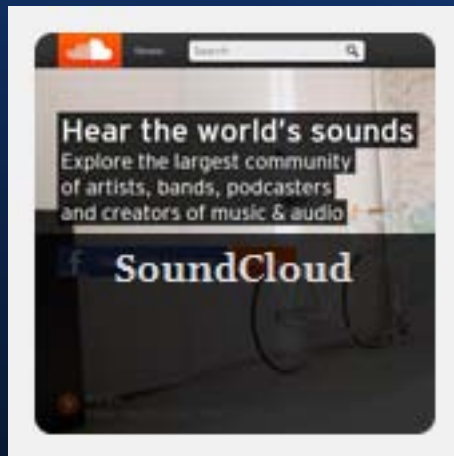
Recent Articles

AWWWARDS

Recent Articles

# BMS Features

- Bookmarks can be previewed using *thumbnails*.

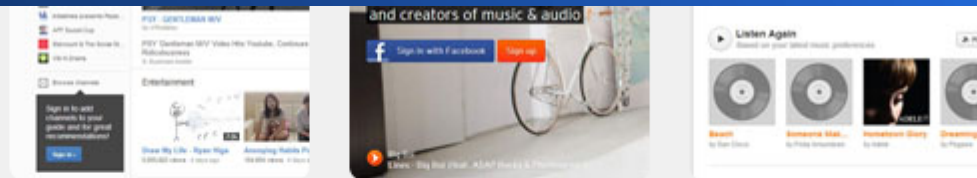




# BMS Features

- Bookmarks can be *added, edited or deleted.*

Type	
half-circle	Design
awwwards best fonts 2...	Design
The League of Moveabl...	Design
Lost Type Co-op	Design
Font Squirrel	Design
Pinterest	Social, Art
Music	
YouTube	Music, Fav
SoundCloud	Music
Grooveshark	Music, Fav
Modules	
+ ST2334	
+ NM3229	
+ CS3249	
+ CS2105	
IVLE	School
GMail	Fav
Facebook	Social, Fav, Life, ...
Coffitivity	
Art	
Illustration	
The Inspiration Stre...	Art
ORIANART	Art
Loish	Art

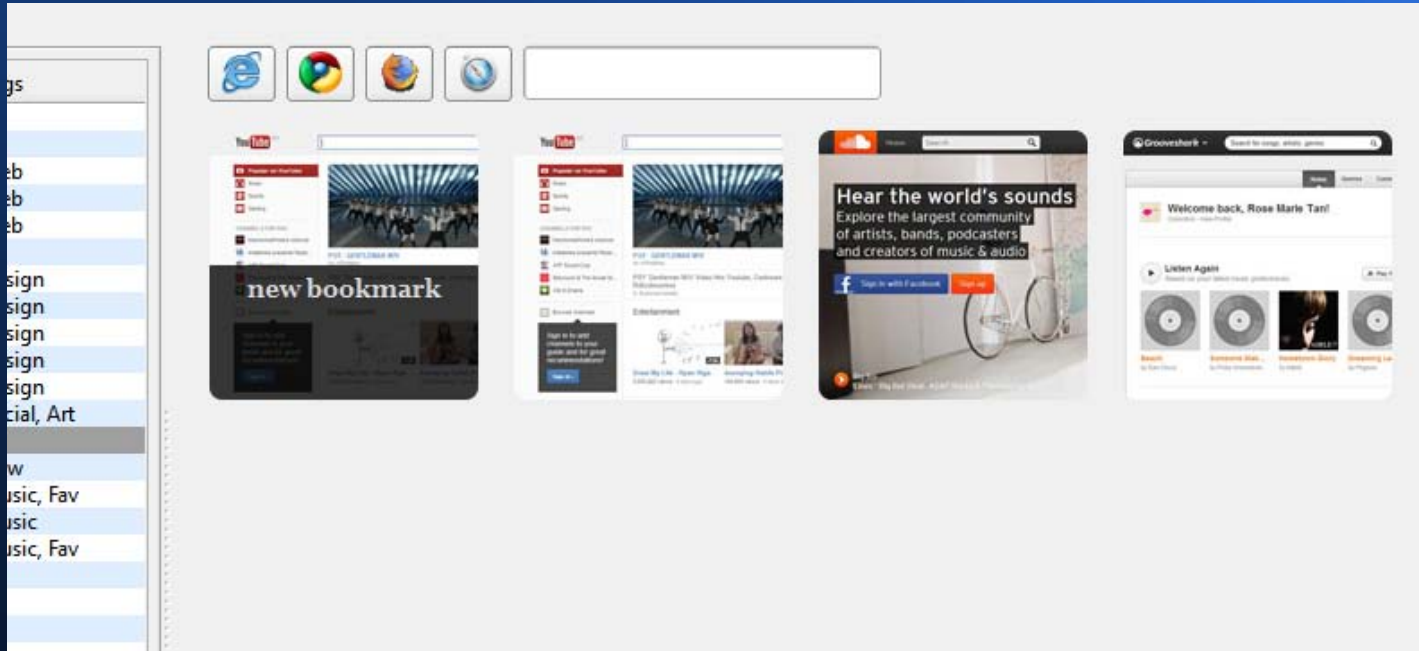


bookmark

Name:

Address:

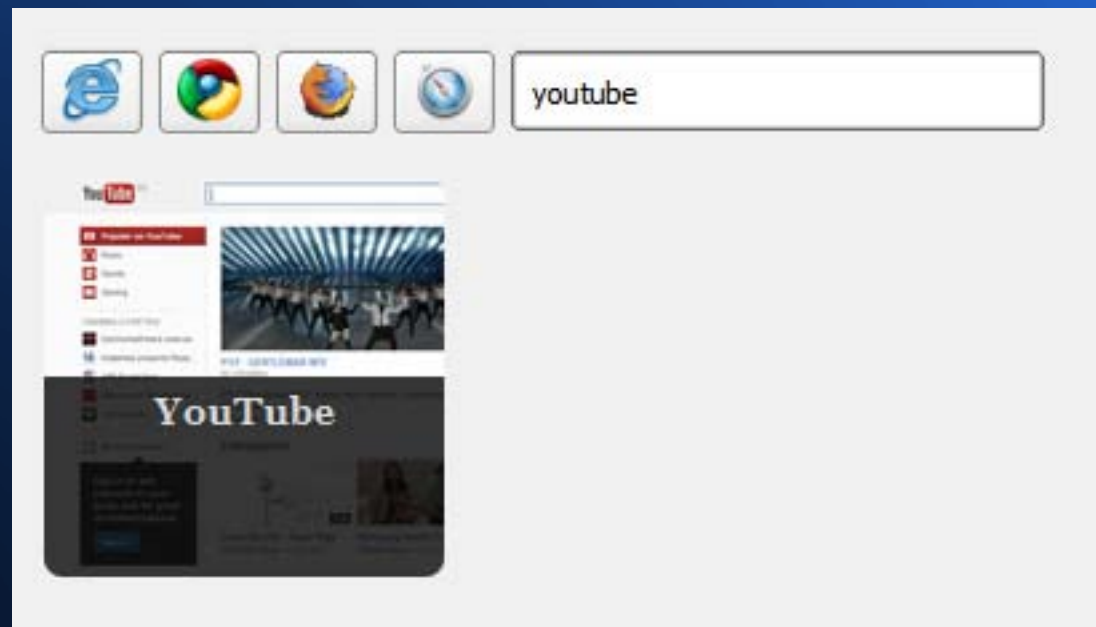
Tags:



gs  
eb  
eb  
eb  
sign  
sign  
sign  
sign  
sign  
cial, Art  
w  
usic, Fav  
usic  
usic, Fav

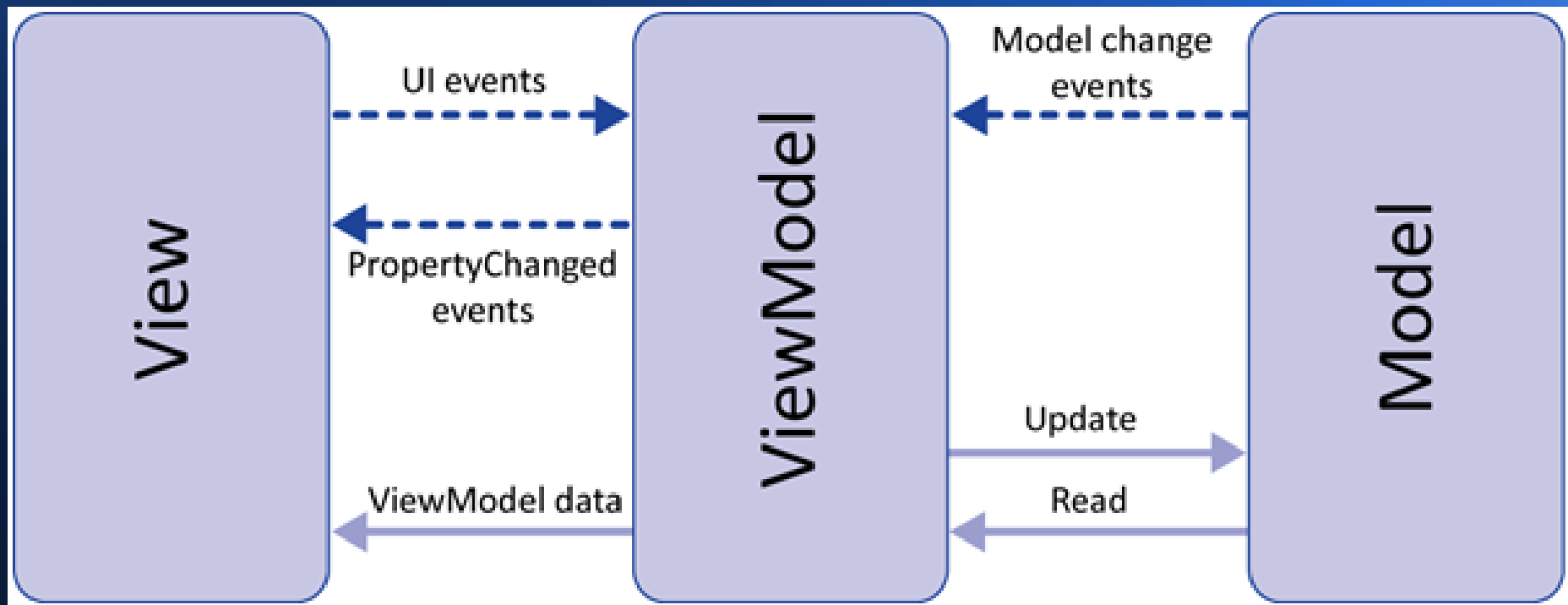
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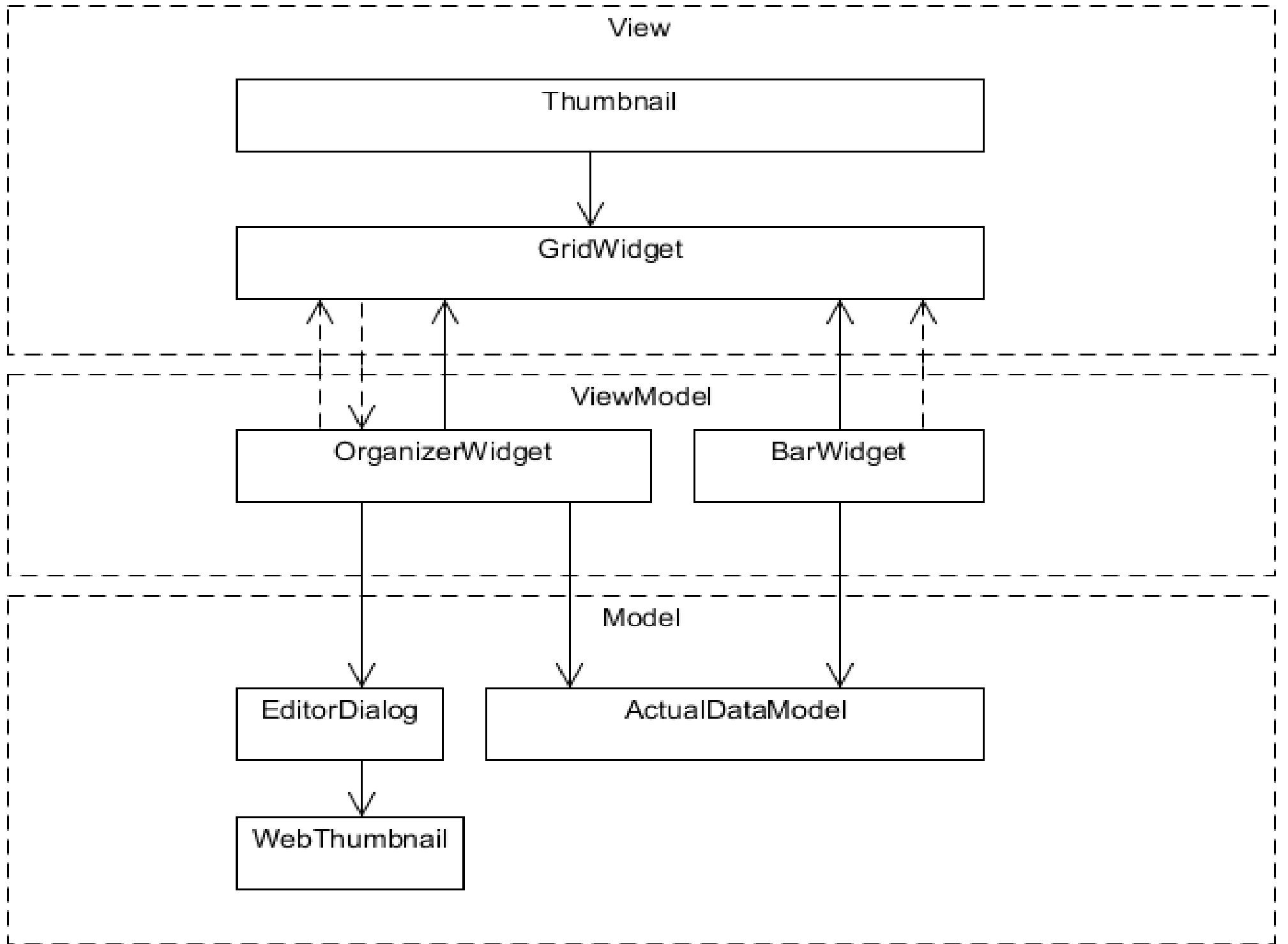
- User can *search* for existing bookmarks.



# BMS Design

A View-ViewModel-Model pattern

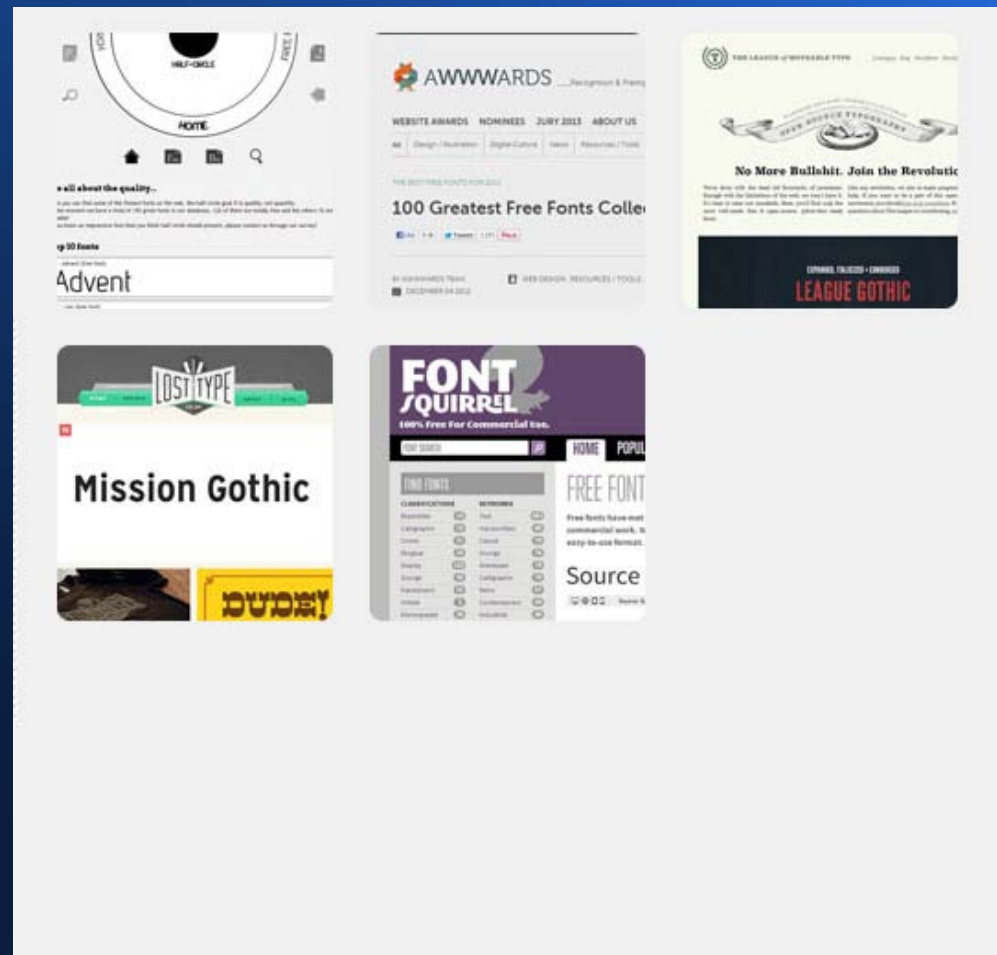




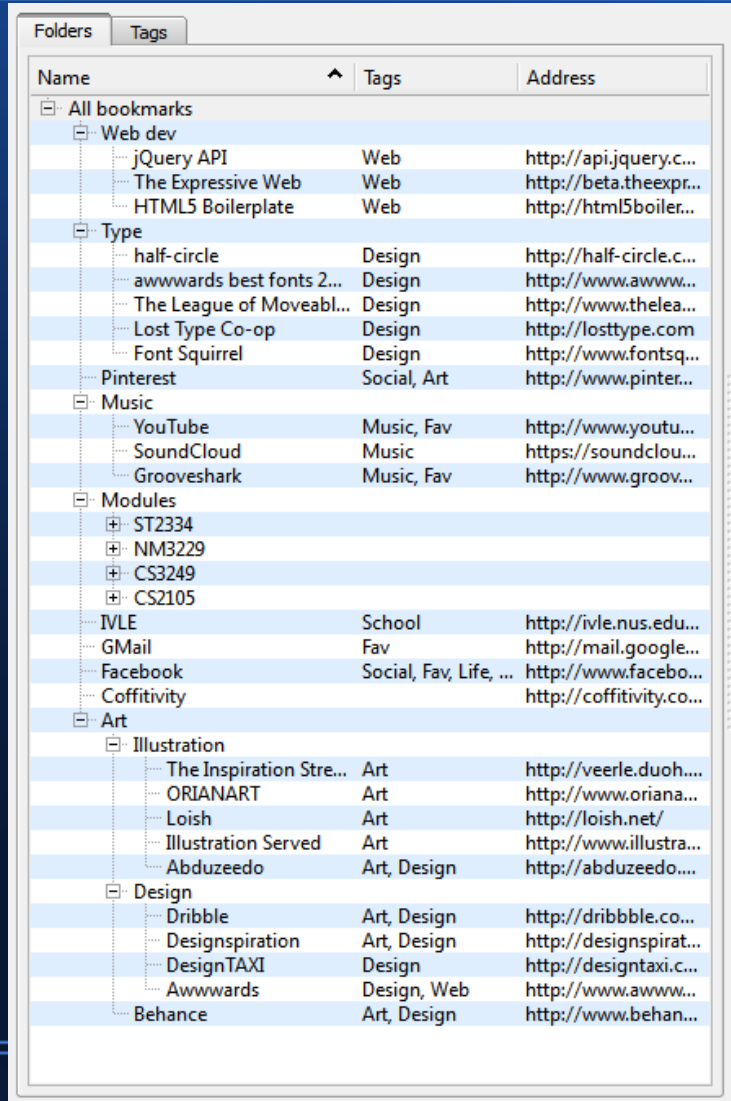
# BMS Design - Model

- OrganizerWidget is the ViewModel, GridWidget is the View and ActualDataModel is the model.
- OrganizerWidget offers a specialization of the ActualDataModel that is easier to map to GridWidget (Currently selected folder).
- OrganizerWidget and GridWidget bound to each other via signals.
- All three are singletons to enforce a single instance and to facilitate global usage.

# BMS Design - View



# BMS Design - ViewModel

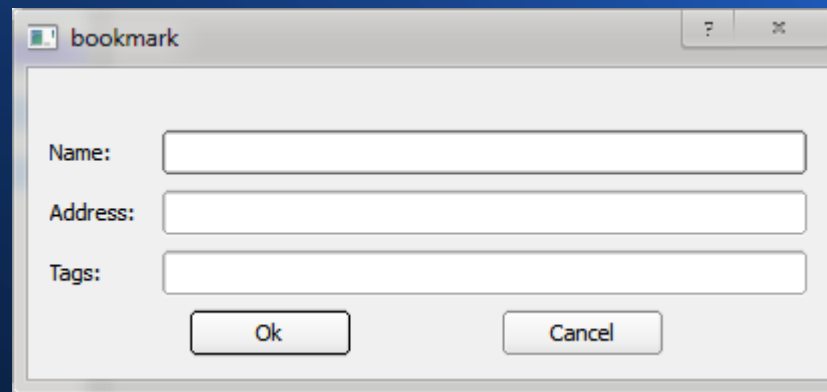


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Pinterest	Social, Art	http://www.pinter...
Music		
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SoundCloud	Music	https://soundclou...
Grooveshark	Music, Fav	http://www.groov...
Modules		
ST2334		
NM3229		
CS3249		
CS2105		
IVLE	School	http://ivle.nus.edu...
GMail	Fav	http://mail.google...
Facebook	Social, Fav, Life, ...	http://www.facebo...
Coffitivity		http://coffitivity.co...
Art		
Illustration		
The Inspiration Stre...	Art	http://veerle.duoh...
ORIANART	Art	http://www.oriانا...
Loish	Art	http://loish.net/
Illustration Served	Art	http://www.illustra...
Abduzeedo	Art, Design	http://abduzeedo....
Design		
Dribbble	Art, Design	http://dribbble.co...
Designspiration	Art, Design	http://designspirat...
DesignTAXI	Design	http://designtaxi.c...
Awwwards	Design, Web	http://www.awww...
Behance	Art, Design	http://www.behan...





# BMS Design - View



A screenshot of a Windows-style dialog box titled "bookmark". The dialog box has a title bar with a question mark icon and a close button. The main area contains three input fields: "Name:", "Address:", and "Tags:". Below the input fields are two buttons: "Ok" and "Cancel".

bookmark

Name:

Address:

Tags:

Ok Cancel