



FIT5032 Design Report (High Distinction Code Task)

Goblin: The Lonely and Great God

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1. Overview

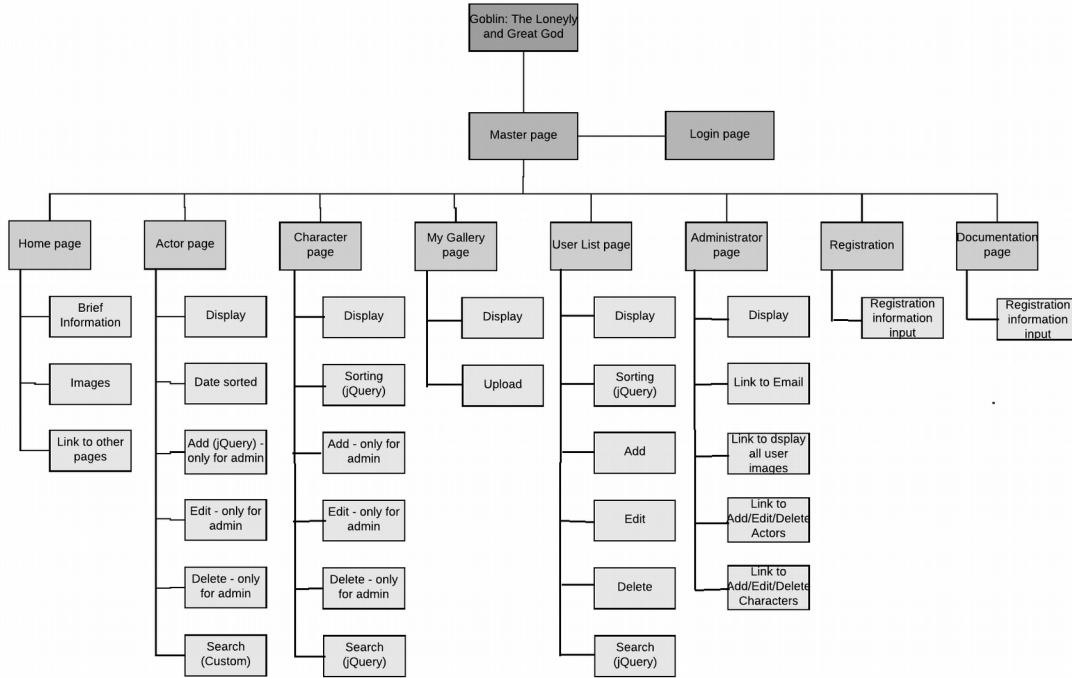
Since the past two decades, Korean popular culture has spread globally. The term, Korean wave, has been used to describe this rising popularity of Korean popular culture in foreign markets. In 2016, Korea's broadcast TVN released a drama, Goblin: The Lonely and Great God, which has become a sensation not only in South Korea but also in worldwide, especially in Asian countries.

This drama has a narrative structure that contains stories of Korean culture, history and trends, which contain Confucian values. Confucianism greatly influences most Asian countries including Korea. From the Asians' point of view, the popularity of a story may be assessed in part by whether the message is socially appropriate, as Confucian humaneness emphasizes people's obligations, roles and duties. This story appeals to Asian audiences. Traditionally in the West, goblin and grim reaper are symbols of evil. Especially, there is a image that represents the goblins like Gollum. However, this drama shows a completely different an oriental view of the world from the West. A goblin is a patron saint for humans. The drama contains a story of Rebirth thought and undying love. Based on this fact, the goal of this website is to introduce the drama to global audiences, especially for English natives. The purpose of this website is to introduce Korean traditional story and thought to people who are not from Confucianism countries.

The main function and purpose of this website are to allow users to display, search and modify information of both Goblin's casting actors and characters. The website also includes the drama's synopsis, images, episodes movie clips and link to official website of the Goblin. This website will provide an excellent user experience.

2. Functional diagram

Below is a functional diagram of the website. The websige has master page, login page, home page, actors page, characters page, my gallery page, user list page, administrator page, registration page and documentation page



<figure1. The functional diagram of the website>

3. Core program functionality

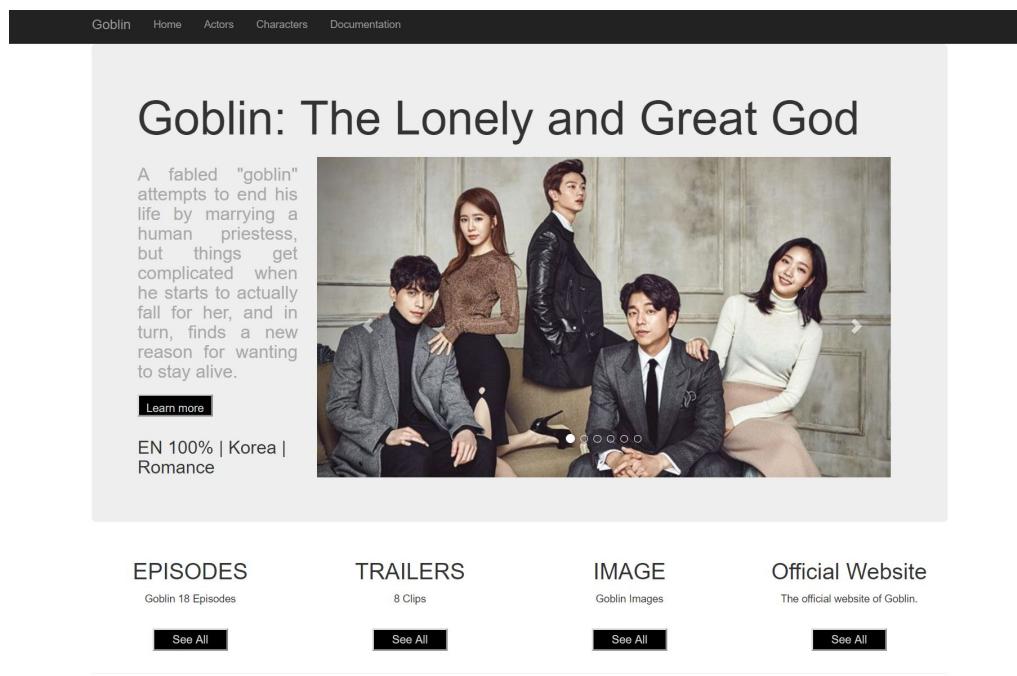
The website is developed by ASP.NET MVC5 C# web application. The website also uses style sheets and jQuery to set display features. The website contains a master page, which contains a site banner and menu links. The menu is provided via ASP.NET menu navigation control, and it is linked to other pages such as homepage itself, Actors page, Characters page, my gallery page, user list page, administrator page, registration page and documentation page respectively. The hompage provides user authentication, so every users must have own accounts to access the pages. This home page also provides an email function, which only administrator can send to multiple users. In addition, users can upload images and they can check these images in their individual pages.

3.1. Home Page

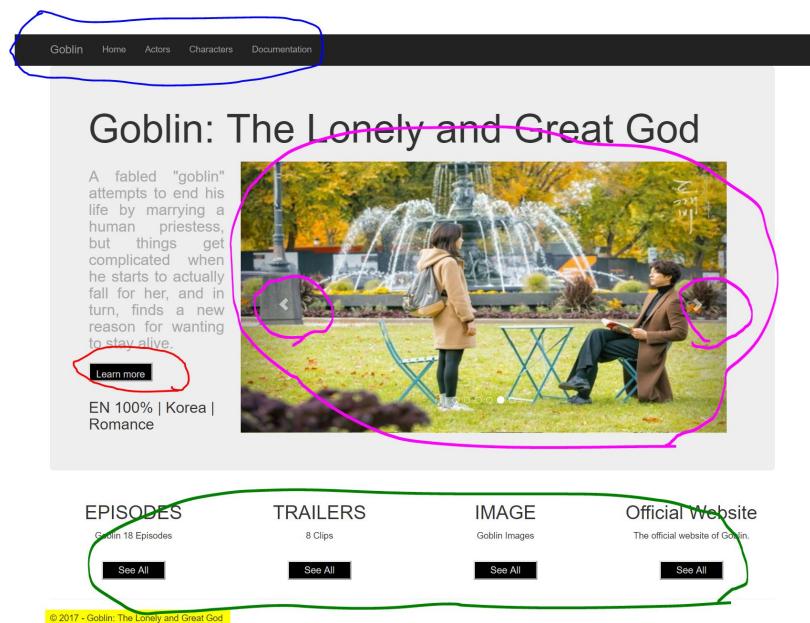
- This is the main page of this website
- The site shows brief description of the Goblin: The Lonely and Great God
- By clicking “Learn more” button”, it will deliver to more specific description page.
- When a location of mouse cursor is on the button, a color of button will change
- At the bottom of the page, there are 4 link buttons, and it will link to the page of “Episodes”, “Trailers”, “Images” or “Official website” of the Goblin
- At the left bottom of the page, developed year and copyright is shown.

<HD Part>

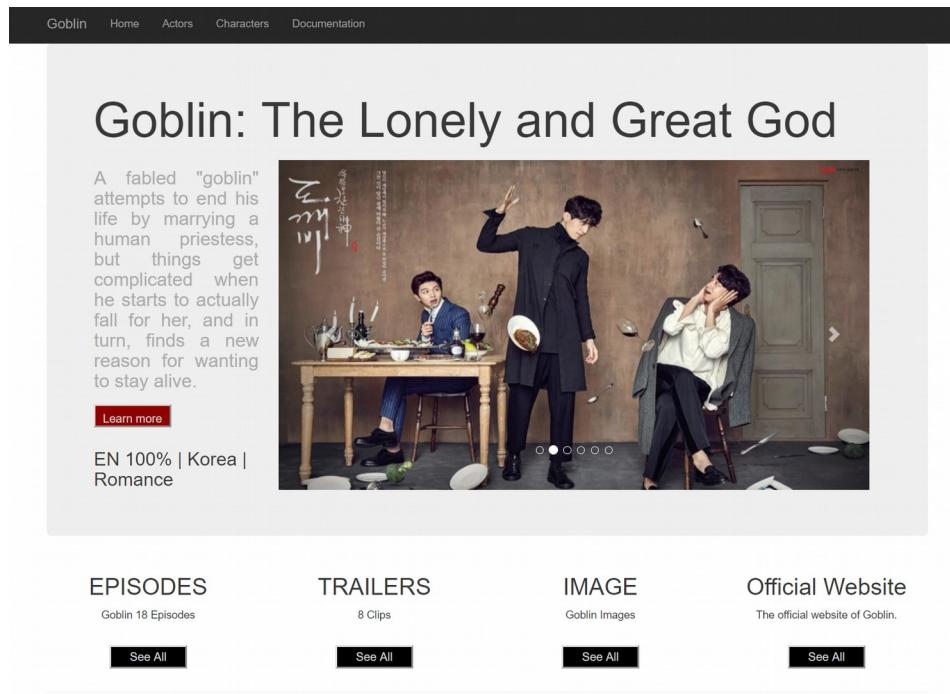
- The center of master page, 6 images of the Goblin are shown by either auto-rotating or clicking < or > arrows of left or right side of images
- Four progress bar style buttons are used by jQuery fucntions at the bottom of master page
- Image zoom in & zoom out jQuery function when clicking a picture at about page
- Color animation toggle of jQuery function used in about page



<figure2. The master page of the website>



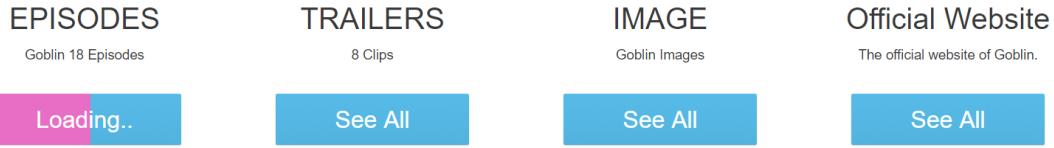
<figure3. The master page of the website description: Blue(Menu), Red(Link to About page), Pink(Image rotator), Green(Link to other sites), Highlight(Year and Copyright) >



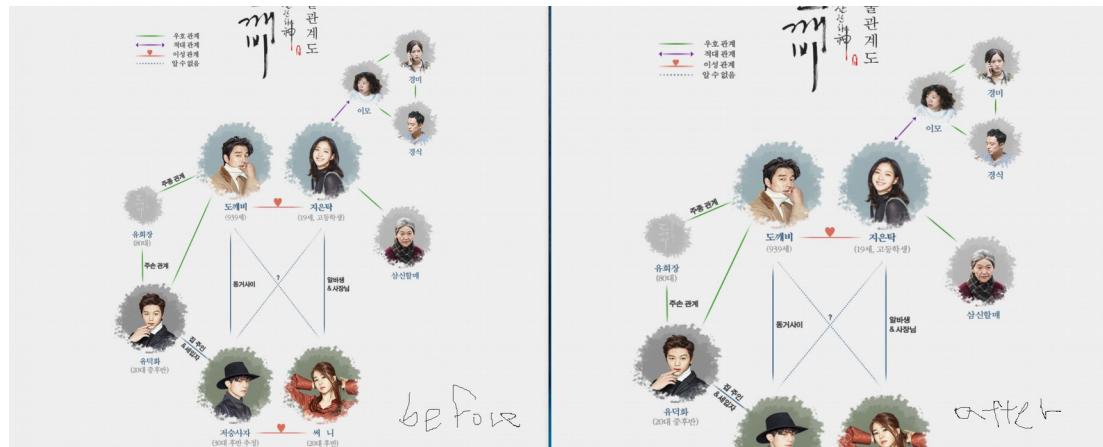
<figure4. The master page of the website – button color change>



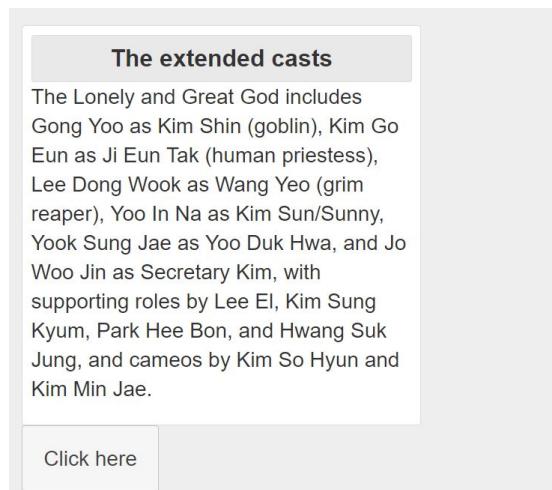
<figure5. The master page of the website – link to “About” page>



<figure6. Progress bar style buttons>



<figure7. Picture zoom in & zoom out>



<figure8. Color Animation Toggle button before click>



<figure9. Color Animation Toggle button after click>

3.2 Registration Page (Distinction Part)

- The page is present information gathering form for the user to register with the site.
- The form includes textbox.
- Users need to input email address, which also acts as user name, and password.
- The form also use RequiredFieldValidator validation control to ensure main text input field is entered by the user.

<HD Part>

- jQuery Dialog function used in registration page. When user visit a registration page of this home page, the dialog is automatically came out

The screenshot shows the registration form with three error messages at the top:

- Password must be at least 6 characters long.
- Passwords must have at least one non letter or digit character.
- Passwords must have at least one digit ('0~9').
- Passwords must have at least one uppercase ('A~Z').

The form includes fields for Email, Password, and Confirm password, along with a Register button.

<figure10. The register page of the website>

The screenshot shows the registration form with three error messages at the top:

- Email 필드가 필요합니다.
- Password 필드가 필요합니다.

The form includes fields for Email, Password, and Confirm password, along with a Register button.

<figure11. The validation of registration 1>

The screenshot shows the registration form with three error messages at the top:

- Password 필드가 필요합니다.

The form includes fields for Email, Password, and Confirm password, along with a Register button.

<figure12. The validation of registration 2>

The screenshot shows the registration form with three error messages at the top:

- The Password must be at least 6 characters long.
- The password and confirmation password do not match.

The form includes fields for Email, Password, and Confirm password, along with a Register button.

<figure13. The validation of registration 3>

The screenshot shows the registration form with three error messages at the top:

- Passwords must have at least one non letter or digit character. Passwords must have at least one digit ('0~9'). Passwords must have at least one uppercase ('A~Z').

The form includes fields for Email, Password, and Confirm password, along with a Register button.

<figure14. The validation of registration 4>

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<figure15. Dialog message box>

3.3. Login Pages (Distinction Part)

- The page user is required to fulfil the username and password files
- The form also use RequiredFieldValidator validation control to ensure main text input field is entered by the user.

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<figure16. The validation of login page>

3.4. Content Pages

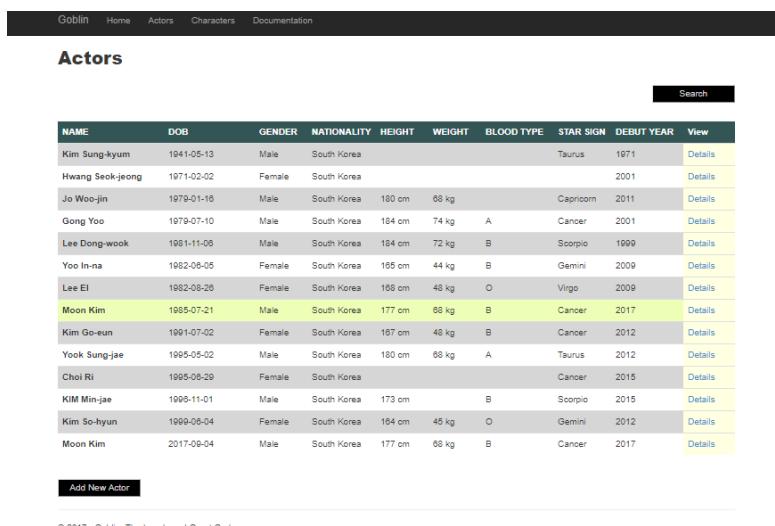
3.4.1. Actors page

- This page is shown an details of Goblin's casting actors
- This page displays for only logged in users
- The actors' data is sorted by actor name and actor DOB
- The page provides a “Search function”, and users can search actors by actors name
- At “Create” and “Edit” pages, there are various input types such as “textbox” and “dropdown box”
- The jQuery function of “date picker” is used
- The jQuery uses for row alternating row coloring

- The page also provides validations using by “RequiredFieldValidator”. The reason why this function is for create actor data, actor name, actor DOB, actor gender and actor nationality must not be NULL value. Also, other types of validators are used.

<Distinction Part>

- When users success to create to an actor, the created page is shown as user feedback for administrator
- The page provides functions of “Create”, “Edit” and “Delete” of Actors for only Administration



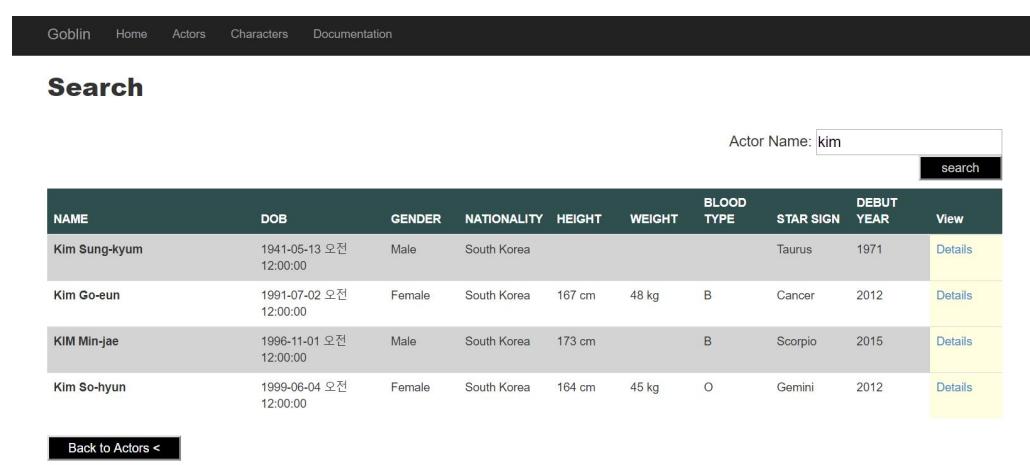
The screenshot shows a table of actors with the following data:

NAME	DOB	GENDER	NATIONALITY	HEIGHT	WEIGHT	BLOOD TYPE	STAR SIGN	DEBUT YEAR	View
Kim Sung-kyum	1941-05-13	Male	South Korea			Taurus	1971		Details
Hwang Seok-jeong	1971-02-02	Female	South Korea					2001	Details
Jo Woo-jin	1979-01-16	Male	South Korea	180 cm	68 kg	Capricorn	2011		Details
Gong Yoo	1979-07-10	Male	South Korea	184 cm	74 kg	A	Cancer	2001	Details
Lee Dong-wook	1981-11-08	Male	South Korea	184 cm	72 kg	B	Scorpio	1999	Details
Yoo In-na	1982-08-05	Female	South Korea	155 cm	44 kg	B	Gemini	2009	Details
Lee El	1982-08-26	Female	South Korea	168 cm	48 kg	O	Virgo	2009	Details
Moon Kim	1985-07-21	Male	South Korea	177 cm	68 kg	B	Cancer	2017	Details
Kim Go-eun	1991-07-02	Female	South Korea	167 cm	48 kg	B	Cancer	2012	Details
Yook Sung-jae	1995-05-02	Male	South Korea	180 cm	68 kg	A	Taurus	2012	Details
Choi Ri	1995-06-29	Female	South Korea				Cancer	2015	Details
KIM Min-jae	1998-11-01	Male	South Korea	173 cm		B	Scorpio	2015	Details
Kim So-hyun	1999-08-04	Female	South Korea	164 cm	45 kg	O	Gemini	2012	Details
Moon Kim	2017-09-04	Male	South Korea	177 cm	68 kg	B	Cancer	2017	Details

[Add New Actor](#)

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<figure17. The authors page of the website – Index>



The screenshot shows a table of actors with the following data:

NAME	DOB	GENDER	NATIONALITY	HEIGHT	WEIGHT	BLOOD TYPE	STAR SIGN	DEBUT YEAR	View
Kim Sung-kyum	1941-05-13 오전 12:00:00	Male	South Korea			Taurus	1971		Details
Kim Go-eun	1991-07-02 오전 12:00:00	Female	South Korea	167 cm	48 kg	B	Cancer	2012	Details
KIM Min-jae	1998-11-01 오전 12:00:00	Male	South Korea	173 cm		B	Scorpio	2015	Details
Kim So-hyun	1999-08-04 오전 12:00:00	Female	South Korea	164 cm	45 kg	O	Gemini	2012	Details

[Back to Actors <](#)

Actor Name: [search](#)

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<figure18. The authors page of the website – Search function>

Actors

NAME	DOB	GENDER	NATIONALITY	HEIGHT	WEIGHT	BLOOD TYPE	STAR SIGN	DEBUT YEAR	VIEW
Kim Sung-kyum	1941-05-13 오전 12:00:00	Male	South Korea				Taurus	1971	Details
Hwang Seok-jeong	1971-02-02 오전 12:00:00	Female	South Korea					2001	Details
Jo Woo-jin	1979-01-16 오전 12:00:00	Male	South Korea	180 cm	68 kg		Capricorn	2011	Details
Gong Yoo	1979-07-10 오전 12:00:00	Male	South Korea	184 cm	74 kg	A	Cancer	2001	Details
Lee Dong-wook	1981-11-06 오전 12:00:00	Male	South Korea	184 cm	72 kg	B	Scorpio	1999	Details
Yoo In-na	1982-06-05 오전 12:00:00	Female	South Korea	165 cm	44 kg	B	Gemini	2009	Details
Lee Ei	1982-08-26 오전 12:00:00	Female	South Korea	168 cm	48 kg	O	Virgo	2009	Details
Kim Go-eun	1991-07-02 오전 12:00:00	Female	South Korea	167 cm	48 kg	B	Cancer	2012	Details
Yook Sung-jae	1995-05-02 오전 12:00:00	Male	South Korea	180 cm	68 kg	A	Taurus	2012	Details
Choi Ri	1995-06-29 오전 12:00:00	Female	South Korea				Cancer	2015	Details
KIM Min-jae	1996-11-01 오전 12:00:00	Male	South Korea	173 cm		B	Scorpio	2015	Details
Kim So-hyun	1999-06-04 오전 12:00:00	Female	South Korea	164 cm	45 kg	O	Gemini	2012	Details

[Add New Actor](#)

<figure19. The authors page of the website descriptions– Red(Order By function), Yellow(Search funtion), Green(Link to Detail page), Blue(Link to Add page)>

Add Actors

Name	<input type="text"/>
Date of Birth	<input type="text"/> September 2017
Gender	<input checked="" type="radio"/> <input type="radio"/>
Nationality	<input type="text"/>
Height	<input type="text"/>
Weight	<input type="text"/>
Blood type	<input type="text"/> -- Select Blood Type -- ▾
Star sign	<input type="text"/> -- Select Star Sign -- ▾
Debut Year	<input type="text"/>
Create Back to List	

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<figure20. The create page of authors – Date picker function>

Goblin Home Actors Characters Documentation

Add Actors

Name Missing data : Actor name is required

Date of Birth

Gender Missing data : Actor gender is required

Nationality Missing data : Actor nationality is required

Height

Weight

Blood type

Star sign

Debut Year

[Create](#) [Back to List](#)

© 2017 - Goblin: The Lonely and Great God

<figure21. The create page of authors – Validation function>

Goblin Home Actors Characters Documentation

Add Actors

Name

Date of Birth

Gender

Nationality

Height

Weight

Blood type

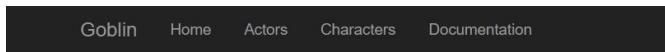
Star sign

- Select Star Sign --
- Aquarius
- Pisces
- Aries
- Taurus
- Gemini**
- Cancer
- Leo
- Virgo
- Libra
- Scorpio
- Sagittarius
- Capricorn

Debut Year

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<figure22. The create page of authors – list box function>



<figure23. The created page of authors – User Feedback(Success to create)>

A screenshot of a website showing the detailed profile of an actor. The header bar includes links for 'Goblin', 'Home', 'Actors', 'Characters', and 'Documentation'. The main content area displays the following information for 'Gong Yoo':

Date of Birth	1979-07-10 오전 12:00:00
Gender	Male
Nationality	South Korea
Height	184 cm
Weight	74 kg
Blood Type	A
Star Sign	Cancer
Debut Year	2001

Below the table are three buttons: 'Edit', 'Delete', and 'Back to List'.

<figure24. The detail page of authors – Detail page is shown by an actor>

A screenshot of a website showing the edit form for an actor. The header bar includes links for 'Goblin', 'Home', 'Actors', 'Characters', and 'Documentation'. The form is titled 'Edit Actor' and contains the following fields:

Name	<input type="text" value="Gong Yoo"/>
Date of Birth	<input type="text" value="1979-07-10 오전 12:00:00"/>
Gender	<input type="text" value="Male"/>
Nationality	<input type="text" value="South Korea"/>
Height	<input type="text" value="184 cm"/>
Weight	<input type="text" value="74 kg"/>
Blood type	<input type="text" value="A"/>
Star sign	<input type="text" value="Cancer"/>
Debut Year	<input type="text" value="2001"/>

At the bottom of the form are three buttons: 'Save', 'Cancel', and 'Back to List'.

<figure25. The edit page of authors>

Name	Kim Sung-kyum
DOB	1941-05-13 오전 12:00:00
GENDER	Male
Nationality	South Korea

[Delete](#) [Back to List](#)

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<figure26. The delete page of authors>

3.4.2 Characters page

- This page is shown an details of Goblin's characters
- This page displays for only logged in users
- The actors' data is sorted by character name
- The function of data table by jQuery is used
- Table hoover and alternative row coloring are also used
- The page provides “Search” and “Sorting” functions
- For add and edit of characters, “textbox”, “dropdown box”, “scrolling textbox” are used.
- Various types of Validation are used.

<Distinction Part>

- The page provides functions of “Create”, “Modify” and “Delete” for only administrator

NAME	ACTOR	DESCRIPTION	GROUP	View
Chairman Yoo Shin woo	Kim Sung-kyum	Deok-hwa's grandfather	Supporting Cast	Details
Ji Eun-tak	Kim Go-eun	An optimistic and bubbly high school student and is the legendary Goblin's bride. She can see ghosts due to her way of birth, and is immune to the Goblin's power.	Main Cast	Details
Kim Do-young	Jo Woo-jin	Deok-hwa's secretary	Supporting Cast	Details
Kim Seon (Bunny)	Yoo In-na	The attractive owner of a chicken restaurant who falls in love with the Grim Reaper. She is constantly confused by the Grim Reaper's constant social awkwardness, but is intrigued by him otherwise. She is also the young sister of Kim Shin.	Main Cast	Details
Kim Shin (Goblin)	Gong Yoo	A 939-year-old immortal goblin and protector of souls who is in search for his bride, the only one who can move the immortal pedestal. He has a very kind heart. Once the sword is removed from his forehead, he is mortal and men in person. He has lots of supernatural powers that come with his immortality but he has to pay a huge price for this. He feels lonely as he has to watch his loved ones leaving him behind when their lifespan ends.	Main Cast	Details
Park Kyung-mi	Choi Ri	Eun-tak's female cousin	Supporting Cast	Details
Samshin	Lee Ei	Goddess of Birth and Fate	Supporting Cast	Details
triplet sisters	Heang Seok-jeong	2 of them as a shaman fortune teller and a ghost	Supporting Cast	Details
Wang Yeo (Grim Reaper)	Lee Dong-wook	A good-looking, cynical yet humorous character grim reaper (grim reapers receive their job as a punishment for committing the greatest of sins in their past lives) who guides souls to their reincarnations or afterlives. Along with the other grim reapers, he has no memory of his past-lives. But he has a strong friendship with the Goblin. He is also known as Kim Woon.	Main Cast	Details
Yoo Deok-hwa	Yook Sung-jae	A neophyte with red-haired chaotic hair and the only grandson of the Yoo family, a household that has the responsibility of taking care of the Goblin. Living with the Goblin and the Grim Reaper, Deok-hwa learns of their true identities, and the two grow to be strong friends.	Main Cast	Details

Showing 1 to 10 of 12 entries

[Add New Character](#) [Previous](#) [1](#) [2](#) [Next](#)

<figure27. The characters page of the website>

Characters					
NAME		ACTOR	DESCRIPTION	GROUP	View
Chairman Yoo Shin-woo	Kim Sung-kyum	Deok-hwa's grandfather		Supporting Cast	Details
Ji Eun-tak	Kim Go-eun	An optimistic and bubbly high school student and is the legendary Goblin's bride. She can see ghosts due to her way of birth, and is immune to the Goblin's power.	Main Cast		Details
Kim Do-young	Jo Woo-jin	Deok-hwa's secretary	Supporting Cast		Details
Kim Seon (Bunny)	Yoo In-na	The attractive owner of a chicken restaurant who falls in love with the Grim Reaper. She is constantly confused by the Grim Reaper's constant social awkwardness, but is intrigued by him otherwise. She is also the young sister of Kim Shin.	Main Cast		Details
Kim Shin (Goblin)	Gong Yoo	A 939-year-old immortal goblin and protector of souls who is in search for his bride, the only one who can remove the sword piercing through his chest. Once the sword is removed, he may finally move to the afterlife and rest in peace. He possesses supernatural powers that come with his immortality but he has to pay a huge price for this. He feels lonely as he has to watch his loved ones leaving him behind when their lifespan ends.	Main Cast		Details
Park Kyung-min	Choi Ri	Eun-tak's female cousin	Supporting Cast		Details
Samshin	Lee El	Goddess of Earth and Fate	Supporting Cast		Details
triplet sisters	Hwang Seok-jeong	2 of them as a shaman fortune teller and a ghost	Supporting Cast		Details
Wang Yeo (Grim Reaper)	Lee Dong-wook	A remorseless cynic yet benevolent character, grim reaper (grim reapers receive their job as a punishment for committing the greatest of sins in their past lives) who guides souls to their reincarnations or afterlife. Along with the other grim reapers, he has no memory of his past-lives. But he has a strong friendship with the Goblin. He is also known as Kim Woo-bin.	Main Cast		Details
Yoo Deok-hwa	Yook Sung-jae	A rebellious yet kind-hearted chaebol heir and the only grandson of the Yoo family, a household that has the responsibility of taking care of the Goblin. Living with the Goblin and the Grim Reaper, Deok-hwa learns of their true identities, and the two grow to be strong friends.	Main Cast		Details

Showing 1 to 10 of 12 entries

Previous 1 2 Next

Add New Character

<figure28. The descriptions of the characters page of the website – Red(Data table), Black(Table Hoover), Blue(Add)>

Name: Kim Shin (Goblin)

Description:

piercing through his chest. Once the sword is removed, he may finally move to the afterlife and rest in peace. He possesses supernatural powers that come with his immortality but he has to pay a huge price for this. He feels lonely as he has to watch his loved ones leaving him behind when their lifespan ends.

Role Group: Main Cast

ActorID: Gong Yoo

Gong Yoo

- Hwang Seok-jeong
- Jo Woo-jin
- Kim Go-eun
- KIM Min-jae
- Kim So-hyun
- Lee Dong-wook
- Lee El
- Yoo In-na
- Yook Sung-jae
- Kim Sung-kyum
- Choi Ri
- Moon Kim
- Moon Kim

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<figure29. The create page of the character page – functions of scrolling textbox for long text and list box>

Goblin Home Actors Characters Documentation

Kim Shin (Goblin)

Character Description	A 939-year-old immortal goblin and protector of souls who is in search for his bride, the only one who can remove the sword piercing through his chest. Once the sword is removed, he may finally move to the afterlife and rest in peace. He possesses supernatural powers that come with his immortality but he has to pay a huge price for this. He feels lonely as he has to watch his loved ones leaving him behind when their lifespan ends.
Character Group	Main Cast
Actor	Gong Yoo

[Edit](#) [Delete](#) [Back to List](#)

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<figure30. The detail page of the character page>

Goblin Home Actors Characters Documentation

Edit

Name	Kim Shin (Goblin)
Description	A 939-year-old immortal goblin and protector of souls who is in search for his bride, the only one who can remove the sword piercing through his chest. Once the sword is removed, he may finally move to the afterlife and rest in peace. He possesses supernatural powers that come with his immortality but he has to
Role Group	Main Cast
ActorID	Gong Yoo

[Save](#) [Cancel](#) [Back to List](#)

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<figure31. The edit page of the character page>

Goblin Home Actors Characters Documentation

Delete Character

Are you sure you want to delete this Character?

NAME	Kim Shin (Goblin)
CHARACTER GROUP	Main Cast
ACTOR	Gong Yoo

[Delete](#) [Back to List](#)

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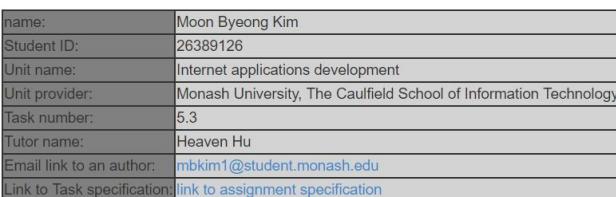
<figure32. The delete page of the character page>

3.5. Documentation page

- This page shows details of the author and the copyright of all images of this website is used

<HD Part>

- The view of details of the author and the copyright of all images of this website is used is using jQuery Accordion function

Documentation	
Autor detail	
	
	
Images	Author
	TVN List">http://program.tving.com/tvn/dokebi/14/Board>List
	TVN List">http://program.tving.com/tvn/dokebi/14/Board>List
	TVN List">http://program.tving.com/tvn/dokebi/14/Board>List

<figure33. The documentation page of the website>

The screenshot shows a web application interface. At the top, there is a navigation bar with links: Goblin, Home, Actors, Characters, My Gallery, User List, Administrator, Documentation, Hello jkim71217@gmail.com, and Log off. Below the navigation bar, there is a header with a left arrow and the text 'Author Detail'. Underneath this, there is a section titled 'Image Details' with a minus sign icon. The main content area displays a list of images from the TVN show 'Goblin'. Each item in the list includes a thumbnail image, the text 'Author', the logo 'TVN', and a URL: [© 2017 - Goblin: The Lonely and Great God](http://program.tving.com/tvn/dokebi/14/Board>List. There are seven items in the list.</p>
</div>
<div data-bbox=)

<figure34. The documentation page of the website with Accordion style table>

3.6. My Gallery Page (Distinction Part)

- This page displays only current logged in users images
- Users can upload image
- Other users cannot see this user's images.
- The page displays 4 images in a row.

The screenshot shows a web application interface. At the top, there is a navigation bar with links: Goblin, Home, Actors, Characters, My Gallery, User List, Administrator, Documentation, Hello kmk717@hanmail.net!, and Log off. Below the navigation bar, the page title is 'Current User Image Page'. There is a link 'Upload New User Logged in'. At the bottom, there is a copyright notice: © 2017 - Goblin: The Lonely and Great God.

<figure35. My Gallery page>

The screenshot shows a form titled 'Create Individual Images'. It has a field 'User Name' with the value 'de5d7755-0826-4d1d-9ec3-8c1f68777d0f'. Below this is a 'Select File:' input field containing '파일선택' and '선택된 파일 없음'. To the right of the input field is an 'Upload' button.

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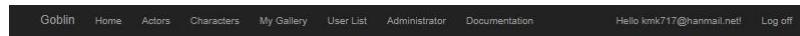
<figure36. My Gallery page, uploading image>

Current User Image Page



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<figure37. My Gallery page, Displaying image 1>



Current User Image Page



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<figure38. My Gallery page, Displaying image 2>

3.7. User List Page (Distinction Part)

- This page displays all details of all users of this site
- The user's data is sorted by user name
- The function of data table by jQuery is used
- Table hover are also used
- The page provides “Search” and “Sorting” functions
- The page provides functions of “Create”, “Modify” and “Delete”



User List

User Name	Email Address	Details
cs0721@hotmail.com	cs0721@hotmail.com	Details
jkim7121@gmail.com	jkim7121@gmail.com	Details
kmk717@hanmail.net	kmk717@hanmail.net	Details
mbkim1@student.monash.edu	mbkim1@student.monash.edu	Details
moonb_kim@naver.com	moonb_kim@naver.com	Details
siyuan.hu@monash.edu	siyuan.hu@monash.edu	Details

Showing 1 to 6 of 6 entries

Previous 1 Next

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<figure39. User List page>

User List

Show 10 ▾ entries		Search: mbkim1
User Name	Email Address	Details
mbkim1@student.monash.edu	mbkim1@student.monash.edu	
Showing 1 to 1 of 1 entries (filtered from 6 total entries)		
Previous	1	Next

<figure40. User List page – Search function>

Details

User Name	cs0721@hotmail.com
User Email	cs0721@hotmail.com
Edit	Delete

<figure41. User List page – Details of an user>

Edit User

Name	UserName
User Name	<input type="text" value="cs0721@hotmail.com"/>
User Email	<input type="text" value="cs0721@hotmail.com"/>
Save	Cancel
	Back to List

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<figure42. User List page – Edit users>

Delete User

Are you sure you want to delete this?

User Name	cs0721@hotmail.com
User Email	cs0721@hotmail.com
Delete	Back to List

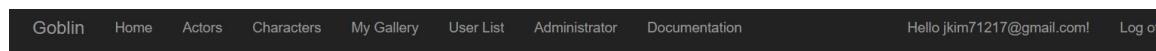
<figure43. User List page – Delete users>

3.8. Administrator Page (Distinction Part)

- Only administrator users can access this page
- Displays features of administrators
- Send Email to multiple users
- Display all users' uploading images
- The page links to a page that “Create”, “Edit” and “Delete” of Actors
- The page links to a page that “Create”, “Edit” and “Delete” of Characters

<HD Part>

- The page links to a admin's google drive for sharing data with other users. Share style button is used



Administration page

Send Email to fans	Send Email
See all users' images	See Gallery
Manage Actors	See Actors
Manage Characters	See Characters

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<figure44. Administrator page>

Send Email to User

<input type="checkbox"/>	User Name	Email
<input type="checkbox"/>	cs0721@hotmail.com	cs0721@hotmail.com
<input checked="" type="checkbox"/>	kmk717@hanmail.net	kmk717@hanmail.net
<input checked="" type="checkbox"/>	mbkim1@student.monash.edu	mbkim1@student.monash.edu
<input type="checkbox"/>	moonb_kim@naver.com	moonb_kim@naver.com
<input type="checkbox"/>	siyuan.hu@monash.edu	siyuan.hu@monash.edu

Email Selected

<figure45. Administrator page – send email 1>

Send Email to User

Subject Please type the subject

Message

Upload goblin.jpeg

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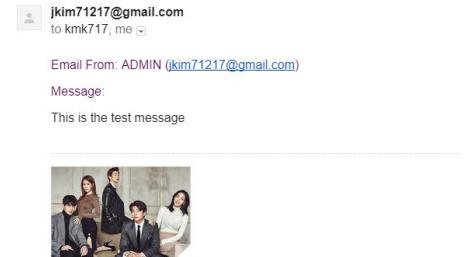
<figure46. Administrator page – send email 2>



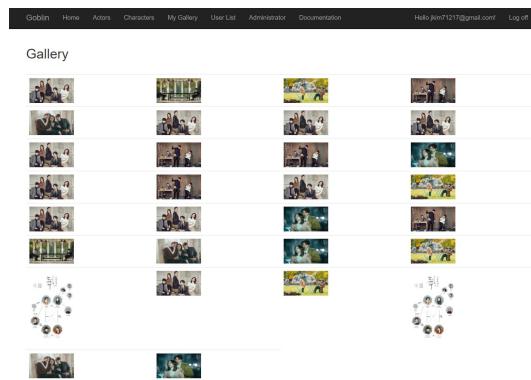
Your email is successfully sent

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<figure47. Administrator page – send email 3>



<figure48. Administrator page – send email 4>



<figure49. Administrator page – Display all users' images>

Actors

NAME	DOB	GENDER	NATIONALITY	HEIGHT	WEIGHT	BLOOD TYPE	STAR SIGN	DEBUT YEAR	View
Hwang Seok-jeong	1971-02-02	Female	South Korea					2001	Details
Jo Woo-jin	1979-01-16	Male	South Korea	180 cm	68 kg		Capricorn	2011	Details
Gong Yoo	1979-07-10	Male	South Korea	184 cm	74 kg	A	Cancer	2001	Details
Lee Dong Wook	1981-11-06	Male	South Korea	184 cm	72 kg	B	Scorpio	1999	Details
Yoo In-na	1982-06-05	Female	South Korea	165 cm	44 kg	B	Gemini	2009	Details
Lee Ei	1982-08-26	Female	South Korea	168 cm	48 kg	O	Virgo	2009	Details
Moon Kim	1985-07-21	Male	South Korea	177 cm	68 kg	B	Cancer	2017	Details
Kim Go-eun	1991-07-02	Female	South Korea	167 cm	48 kg	B	Cancer	2012	Details
Yook Sung-jae	1995-05-02	Male	South Korea	180 cm	68 kg	A	Taurus	2012	Details
Choi Ri	1995-06-29	Female	South Korea				Cancer	2015	Details
KIM Min-jae	1996-11-01	Male	South Korea	173 cm		B	Scorpio	2015	Details
Kim So-hyun	1999-06-04	Female	South Korea	164 cm	45 kg	O	Gemini	2012	Details

[Add New Actor](#)

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<figure50. Administrator page – Create actors>

[Goblin](#) [Home](#) [Actors](#) [Characters](#) [My Gallery](#) [User List](#) [Administrator](#) [Doc](#)
Hwang Seok-jeong

Date of Birth	1971-02-02 오전 12:00:00
Gender	Female
Nationality	South Korea
Height	
Weight	
Blood Type	
Star Sign	
Debut Year	2001

[Edit](#) [Delete](#) [Back to List](#)

<figure51. Administrator page – Modify actors>

Characters		Search:		
NAME	ACTOR	DESCRIPTION	GROUP	View
Ji Eun-ik	Kim Go-eun	An optimistic and bubbly high school student and is the legendary Goblin's bride. She can see ghosts due to her way of birth, and is immune to the Goblin's power.	Main Cast	Details
Kim Do-young	Jo Woo-jin	Deok-hee's secretary	Supporting Cast	Details
Kim Seon (Sunny)	Yoo In-na	The attractive and sassy restaurant owner who falls in love with the Grim Reaper. She is severely confused by the Grim Reaper's constant social awkwardness, but is intrigued by him otherwise. She is also the young sister of Kim Shin.	Main Cast	Details
Kim Shin (Goblin)	Gong Yoo	A 200-year-old immortal goblin and protector of souls who is in search for his bride, the only one who can remove the sword piercing through his chest. Once the sword is removed, he may finally move to the afterlife and rest in peace. He possesses superhuman strength that comes with his immortality but he has to pay a huge price for this. He feels lonely as he has to watch his loved ones leaving him behind when their lifespan ends.	Main Cast	Details
Park Kyung-mi	Choi Ri	Eun-ik's female cousin	Supporting Cast	Details
Samahn	Lee Ei	Goddess of Birth and Fate	Supporting Cast	Details
triplet sisters	Hwang Seok-jeong	2 of them as a shaman fortune teller and a ghost	Supporting Cast	Details
Wang Yeo (Grim Reaper)	Lee Dong Wook	A god-like, strong, cynical yet humorous character grim reaper (grim reapers receive their assignments from the King of Hell). He is the most powerful among all the grim reapers. He guides souls to their recompenses or afterlives. Along with the other grim reapers, he has no memory of his past-lives. But he has a strong friendship with the Goblin. He is also known as Haeng-doo.	Main Cast	Details
Yoo Deok-hwa	Yook Sung-jae	A rebellious yet kind-hearted childhood hair and the only grandson of the 'Yoo family'. A householder and bears the responsibility of taking care of the Goblin. Living with the Goblin and the Grim Reaper, Deok-hwa learns of their true identities, and the two grow to be strong friends.	Main Cast	Details
Young Kim Seon	Kim So-hyun	A rebellious yet kind-hearted childhood hair and the only grandson of the 'Yoo family'. A householder and bears the responsibility of taking care of the Goblin. Living with the Goblin and the Grim Reaper, Deok-hwa learns of their true identities, and the two grow to be strong friends.	Supporting Cast	Details

Showing 1 to 10 of 11 entries

Previous [1](#) [2](#) Next[Add New Character](#)

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<figure52. Administrator page – Create Characters>

Ji Eun-tak

Character Description	An optimistic and bubbly high school student and is the legendary Goblin's bride. She can see ghosts due to her way of birth, and is immune to the Goblin's power.
Character Group	Main Cast
Actor	Kim Go-eun

[Edit](#) [Delete](#) [Back to List](#)

<figure53. Administrator page – Modify Characters>

Google Drive

Sharing data with users throughout using the Google Drive.

[Go Google Drive »](#)

<figure54. Administrator page – shake style button>

4. Usability Design Review

This part, usability design review, of the website elucidates based on the Flow Bohl usability categories, which are content, design, usability, site speed and responsiveness respectively. According to the Flow Bohl usability categories, a useable website is one that meets the above discussed five objectives.

4.1. Content

According to the Flow Bohl usability categories, to make an impact, content must be both *communicative* and *searchable*. There are three things a visitor should be able to do on the website : recognize what I represent, understand my message and act on it. To achieve these things, the web site should use imagery, keep it short and tell a story (Canstar Reaserch, 2014).

The website of the Goblin: The Lonely and Great God's contents are both communicative and searchable. The website used images to help visitors understand. Moreover, all contents in this website has been kept simple and short for visitors' readability.

4.2. Design

Design requirement is so subjective. The most valuable element in design is a content. Designing with content in mind means making certain that all the contents are readable, and that means paying attention to two things, which are color and white space. Enough contrast makes the text on site pop. In addition, the object of using white space is to break up the content and minimize noise(Canstar Reaserch, 2014).

The website of the Goblin: The Lonely and Great God's content design uses mainly two contrast colors – black as dark color and light gray as light color. Also, background color leaves as white, and content and white space ratio is similar. So, the website is easy to read for all users.

4.3. Usability

According to UX consultant Flow Bohl in Canstar research 2014, a usable website is one that meets the following user experience design objectives:

- Is there a logical arrangement to your pages?
- Are there language and visual cues to help visitors feel their way around?
- Is it easy for visitors to find what they are looking for?
- Is there harmony in the tone of voice and visual style used throughout your site?
- Can visitors find their way back if they happen to click on the wrong link?

The website of the Goblin: The Lonely and Great God's usability design includes all above objectives. The website contains appropriate information what the website wants to tell visitors, and is designed by well-written English and visualization. Also, visitors can find their way back if they happen to click on the wrong link. The website provides an user-friendly interface.

4.4. Site speed

On the internet, every second counts. A lot of research shows the impact of site speed into more tangible data. People does not want longer than 3 seconds for the website's response time. Every bounce is a lost opportunity (Canstar Reaserch, 2014).

The website of the Goblin: The Lonely and Great God uses small size of images as well as small database. These drive the website as the positive result for the site speed aspect.

4.5. Responsiveness

Responsiveness eliminates the need for the site to crawl and index multiple versions of the same site (Canstar Reaserch, 2014)

This website is currently available for the high screen resolution and is basically developed by recent version of the Internet browsers such as Chrome, Internet Explorer, Edge and Mozilla.

5. Checklist of site functionality

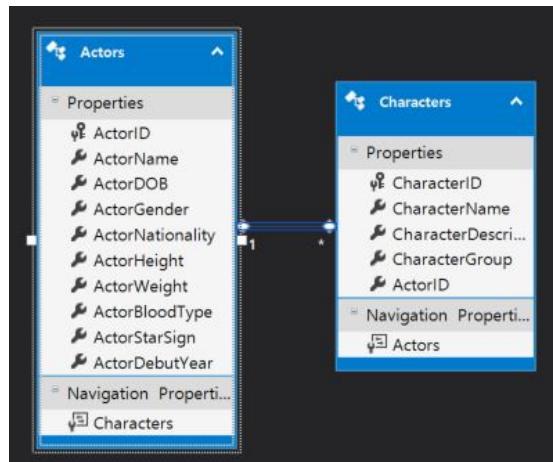
1. (Layout Page)	
Good Design	√
Stylesheet	√
Menu	√
2. (Home page)	
Design and content	√
Image	√
3. (Content pages)	
Good Design	√
View access of two entities	√
Date sorted list	√
Add Records	√
View Details	√
Edit Records	√
Delete Records	√
Add/Edit Validation	√
Search Function	√
JQuery Functionality	√
5. (Documentation)	
Author/assignment details	√
6 Additional Distinction Items	
Registration page	√
Log in page	√
Administrator to send emails	√
Upload user image and Display	√
Search through the list of people using name, email and address or a combination of all	√
Additional Functionality	
Animate image from left to right	√
Image zoom in & zoom out	√
Progress bar style button	√
Color animation style toggle button	√
Shake style button	√
Dialog box	√
Accordin style table	√
Audit	
No breaking of copyright	√

6. User stories (that are driving your design decisions)

- As a user, I am able to get the detailed information about the Goblin drama so that I can become more familiar with this drama.
- As a user, a person who are not from Confucian culture, wants to get Korean traditional stories, which is strongly related to Confucian ideas, so that he/she can understand a Korean culture.
- As a user, I can search a list of actors' personal information by a actor's first name, last name or full name to find a actor fast.
- As a user, I can delete an actor so that the database of the website is not filled up with things I do not need saved.
- As a user, I can drill down the information of the drama's characters by character name, description, role group or actor name so that provides a better user experience.
- As a user, I can add, modify or delete the information of characters so that I can update the details of the website and keep the website up to date.
- As a user, I can go directly link to the official website of this drama, so I can get more information of this drama easily.
- As a user, I can create my own account using my email.
- As a user, I can log in the web site and I can access all permit pages.
- As a user, I can upload images, and I can have my own page to view these images.
- As a user, I can see and search other users in user list page.
- As an administrator, I can access administrator page.
- As an administrator, I can send emails to multiple users.
- As an administrator, I can see all users' uploading images.
- As an administrator, I can add new actor into the database, so I can make better database.
- As an administrator, I can modify an actor to fix wrong data or any changes of details.
- As an administrator, I can delete an actor so that the database of the website is not filled up with things I do not need saved.
- As an administrator, I can add, modify or delete the information of characters so that I can update the details of the website and keep the website up to date.
- As an administrator, I can go to the google drive for sharing data with other users by clicking one button in admin page.

7. Entity Relation Diagram (of your database/entities)

Below diagram is an Entity Relation Diagram of the website used. Two entities, which are Actors and Characters, have 1 to many relationship.



<figure46. The ER Diagram of the website's database>

8. Data dictionary

This website uses SQL database as the data structures. The site also uses an ASP.NET MVC web application form.

The main input types are mostly strings, integers and date format. For example, in actor create page, actor name, nationality, blood type, star sign, height and weight are strings. DOB is date type and debut year is used as an integer.

Furthermore, the output of the application is a HTML structure in the browser. The main output data types are string and image files.

Data types the website is used for the database:

Data types	Attribute names
Integer	ActorID, ActorDebutYear, CharacterID
String	ActorName, ActorGender, ActorNationality, ActorHeight, ActorWeight, ActorBloodType, ActorStarSign, ActorDebutYear, CharacterName, CharacterDescription, CharacterGroup
Date	ActorDOB
Binary	ImageData

Bibliography

Canstar, 2014. *5 Elements That Make a Website Attractive*. Retrieved from <https://www.canstar.com.au/small-business-centre/5-elements-that-make-a-website-attractive/> (Accessed on 04/09/2017)