

2022

# Weldon's Projects

Portfolio site

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## Team members and List of Contributions


























































- Jiayuan Wen
  - Wrote homepage.ejs and homepage.css for homepage.
  - Created background video for homepage.
  - Designed color scheme and appearance of Home, Gallery, About Us, and item pages.
  - Implemented “Gallery” and “About Us” navigation buttons in homepage.
  - Wrote entry.ejs and entry.css for each item’s endpoint.
  - Wrote basic backend (app.js and server.js).
  - Added thumbnails to items in Gallery.
  - Wrote error.ejs and error.css for error handling page.
  - Implemented URL query string recognition in backend (app.js).
  - Wrote entries for each item’s endpoint (itemDescriptions.js).
  - Implemented entry (from itemDescriptions.js) insertion base on query in backend (app.js).
  - Implemented incorrect URL redirection in backend (app.js).
  - Font size and position fix on Home, About Us, Gallery, and item endpoints.
- Yaoqi Dong
  - Wrote aboutUs.ejs and aboutus.css for About Us page.
  - Implemented “Contact” buttons on Contact Us section of About Us page.
  - Wrote aboutUs\_infoButton.js for “Contact” buttons.
  - Implemented animated pop-up for contact info.
  - Implemented working email links (“Mailto: ”).
  - Implemented more incorrect URL redirections in backend (app.js).
- Yuying Jin
  - Wrote gallery.ejs and gallery.css for Gallery page.
  - Wrote and Implemented background animation (bg.js) for Gallery, About Us, and item endpoints.
  - Implemented grid style gallery display at the center of the site.
  - Implemented mouse-hover animation for gallery items in Gallery page and buttons in Home page.
  - Implemented zoom animation and brightness change on mouse hover for “Gallery” and “About Us” buttons in Home page.
  - Implemented background video for homepage.
  - Implemented “Go to top” button at bottom-right corner of Gallery page.

- Provided consultation on color scheme and appearance of all endpoints.
- Implemented frontend function for each Gallery items to pass query strings to backend.
- Hover animation fix on Home and Gallery.
- Tommy Fornear
  - Designed appearance of site's Header, Footer, and Sidebar.
  - Wrote header.ejs, sidebar.ejs, and footer.ejs for site's Header, Footer, and Sidebar using Bootstrap.
  - Wrote commonViews.css for appearance of Header, Footer, and Sidebar.
  - Added hyperlinks in Header, Footer, and Sidebar for navigating across endpoints.
  - Listed contact information in footer.
  - Implemented "Go to top" button in About Us.
  - Hyperlink navigating, formatting and spacing fix on Header, Footer, and Sidebar.

## GitHub contribution/commit history

Commits on May 3, 2022	
add copyright for code in bg.js Yuying-Jin committed 2 hours ago	df81c85 <> Tip
simplify and delete some css code Yuying-Jin committed 2 hours ago	a4167a2 <> Tip
fix position of .galleryContainer Yuying-Jin committed 2 hours ago	8f9a41a <> Tip
add and fix some contribution comments Yuying-Jin committed 3 hours ago	0b0a598 <> Tip
Commits on May 2, 2022	
Marked names for other members. JiayuanWen committed 13 hours ago	72205f3 <> Tip
Added content to item endpoints. JiayuanWen committed 15 hours ago	9102ae1 <> Tip
Removed debug folder JiayuanWen committed 18 hours ago	31fbd63 <> Tip
Removed instructions.txt since everyone's on same page. JiayuanWen committed 20 hours ago	452914f <> Tip
Marked Jiayuan Wen contributions across all files. JiayuanWen committed 20 hours ago	2f79d51 <> Tip
fix font-size of .nav-item Yuying-Jin committed 23 hours ago	f54690a <> Tip
Update README.md JiayuanWen committed 23 hours ago	Verified  c2f43cb <> Tip





# Commits on May 1, 2022

Adjusted "Contact" buttons position  JiayuanWen committed yesterday	 95935de <> 
Move #top to header so arrow bottom move to header instead  JiayuanWen committed yesterday	 cd6fe63 <> 
Fixed header links spacing  JiayuanWen committed yesterday	 0455626 <> 
Adjusted info spacing in "Contact" pop-up  JiayuanWen committed yesterday	 e3abea2 <> 
Changed About Us description; Added roles to "Contact" buttons  JiayuanWen committed yesterday	 83c13f2 <> 
Renamed button from "Information" to "Contact"  JiayuanWen committed yesterday	 7796142 <> 
Fixed header font issue.  JiayuanWen committed yesterday	 c1db4e9 <> 
Removed sidebar from gallery  JiayuanWen committed yesterday	 063eb5a <> 
Fixed 404 error within sidebar navigation  JiayuanWen committed yesterday	 1d6ed9a <> 
Moved bootstrap stylesheets to dedicated folder  JiayuanWen committed yesterday	 8747e32 <> 
Implemented some 404 prevention measures for gallery and item pages.  JiayuanWen committed yesterday	 03075ac <> 
Added sidebar to gallery and item pages.  JiayuanWen committed yesterday	 9540ce4 <> 
Implemented item endpoint recognition in backend  JiayuanWen committed 2 days ago	 8ab015a <> 
Moved testServer.js to server.js  JiayuanWen committed 2 days ago	 12f75a8 <> 
Added stylesheet for item endpoints  JiayuanWen committed 2 days ago	 295ad87 <> 
Separated items from gallery to different file for easier management  JiayuanWen committed 2 days ago	 d17322d <> 
Adjusted homepage height  JiayuanWen committed 2 days ago	 1b9a783 <> 
fix log.console messages  Yuying-Jin committed 2 days ago	 c2fb5c0 <> 
add endpoints for item in gallery.ejs  Yuying-Jin committed 2 days ago	 b8ac163 <> 




























#### Commits on Apr 29, 2022

fix <code>"/project/" + id</code> to <code>"/project?" + id</code> in <code>gallery.ejs</code> Yuying-Jin committed 3 days ago	 b22df1f		 Tip
Added top arrow to About us page tjf5611 committed 3 days ago	 68a596d		 Tip
111 yaoqidong committed 3 days ago	 3c27a65		 Tip
Merge remote-tracking branch 'origin/project' into project yaoqidong committed 3 days ago	 31781a4		 Tip
111 yaoqidong committed 3 days ago	 6e505d5		 Tip
edit item links in gallery Yuying-Jin committed 3 days ago	 8557471		 Tip
Made the text in <code>entry.ejs</code> white instead of black tjf5611 committed 3 days ago	 9ba3ae8		 Tip
Merge remote-tracking branch 'origin/project' into project ... yaoqidong committed 3 days ago	 c885cfe		 Tip










#### Commits on Apr 29, 2022

111 yaoqidong committed 3 days ago	 9e83dc2		 Tip
Fixed the footer about us navigation tjf5611 committed 3 days ago	 f8fcf20		 Tip


































#### Commits on Apr 27, 2022

111 yaoqidong committed 5 days ago	 debc7a5		 Tip
Changed/added about us text and changed the about us css file to shor... tjf5611 committed 5 days ago	 cb5323f		 Tip
fix font-size for gallery Yuying-Jin committed 5 days ago	 ff05fa1		 Tip
111 yaoqidong committed 5 days ago	 76ef866		 Tip
Changed gallery item titles JiayuanWen committed 5 days ago	 e88c489		 Tip
Changed gallery item titles JiayuanWen committed 5 days ago	 0bba319		 Tip
Merge remote-tracking branch 'origin/project' into project JiayuanWen committed 5 days ago	 6708143		 Tip
fix font-size for gallery Yuying-Jin committed 5 days ago	 0f6d043		 Tip
Merge remote-tracking branch 'origin/project' into project JiayuanWen committed 5 days ago	 77aa297		 Tip


#### Commits on Apr 25, 2022

Fix position and animation of class layer Yuying-Jin committed 7 days ago	 8ed2b5e		 Tip
Merge remote-tracking branch 'origin/project' into project JiayuanWen committed 7 days ago	 dfc11e8		 Tip
Updated the About us buttons and put in the email information in the ... tjf5611 committed 7 days ago	 385adeF		 Tip

























#### Commits on Apr 17, 2022

Added item thumbnails to Gallery JiayuanWen committed 15 days ago	 ea7cF77		 Tip
move code of go to top button down Yuying-Jin committed 15 days ago	 cd3c65f		 Tip
move code of go to top button down Yuying-Jin committed 15 days ago	 fac9814		 Tip
Merge remote-tracking branch 'origin/project' into project Yuying-Jin committed 15 days ago	 0c20c7c		 Tip
fix margin Yuying-Jin committed 15 days ago	 61773ce		 Tip
Fixed visual bugs in all pages. JiayuanWen committed 15 days ago	 a56849f		 Tip
Added thumbnails to be used in Gallery JiayuanWen committed 15 days ago	 92b2b90		 Tip
Implemented Backend JiayuanWen committed 15 days ago	 ed4728c		 Tip
Provided test server; Implemented basic backend functions. JiayuanWen committed 16 days ago	 b903e73		 Tip
Added star background to About Us. Attempt fix on Gallery background JiayuanWen committed 16 days ago	 ccc0f61		 Tip
Minor visual bug fixes on all pages. JiayuanWen committed 16 days ago	 5b758a8		 Tip








































#### Commits on Apr 16, 2022

Add radial gradient for gallery background Yuying-Jin committed 17 days ago	 4b1ad86		 Tip
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#### Commits on Apr 15, 2022

add dots and lines background for gallery, and add button go to top Yuying-Jin committed 17 days ago	 d0cf50		 Tip
Adjusted purple color in About Us page. JiayuanWen committed 17 days ago	 8b55470		 Tip
Changed background video for home page JiayuanWen committed 17 days ago	 5773d75		 Tip
Merge remote-tracking branch 'origin/project' into project JiayuanWen committed 17 days ago	 bf64f5b		 Tip
fix color Yuying-Jin committed 17 days ago	 3a03328		 Tip
fix color Yuying-Jin committed 17 days ago	 fdd7723		 Tip
change ease-in to ease in homepage.css Yuying-Jin committed 17 days ago	 daa4b0b		 Tip
change ease-in to ease in homepage.css Yuying-Jin committed 17 days ago	 84ea38e		 Tip

#### Commits on Apr 15, 2022

change ease-in to ease in homepage.css Yuying-Jin committed 17 days ago	 ba47aae		 Tip
Add ease for p in .layer for homepage.css Yuying-Jin committed 17 days ago	 b97d83a		 Tip
Add ease of class .gallery Yuying-Jin committed 17 days ago	 16fdb55		 Tip
Changed secondary color on homepage JiayuanWen committed 17 days ago	 67dc205		 Tip
fix variable of darkgrey Yuying-Jin committed 17 days ago	 9a9aec1		 Tip
fix the variable of purple. Yuying-Jin committed 17 days ago	 08ab01d		 Tip
delete gallery.ejs in the wrong directory. Yuying-Jin committed 17 days ago	 9b938e6		 Tip
Create README.md JiayuanWen committed 18 days ago	Verified  84be66a		 Tip
Adjusted home page button image brightness JiayuanWen committed 18 days ago	 5290ba9		 Tip
Update README.md JiayuanWen committed 18 days ago	Verified  ca72409		 Tip
Added README.md to sub-folders JiayuanWen committed 18 days ago	 a1780a3		 Tip
Added home page JiayuanWen committed 18 days ago	 a538cdc		 Tip
Fixed minor visual glitches on Gallery and About Us page JiayuanWen committed 18 days ago	 8a7215e		 Tip

#### Commits on Apr 14, 2022

Merge remote-tracking branch 'origin/project' into project yaoqidong committed 18 days ago	 46f6ad5		 Tip
111 yaoqidong committed 18 days ago	 6359606		 Tip
fix the class of container in gallery Yuying-Jin committed 18 days ago	 387076f		 Tip
Changed background video for gallery.ejs JiayuanWen committed 18 days ago	 a5aed8b		 Tip
Moved files to "project" branch JiayuanWen committed 18 days ago	 cb5cdab		 Tip
Updated instruction JiayuanWen committed 18 days ago	 a578226		 Tip

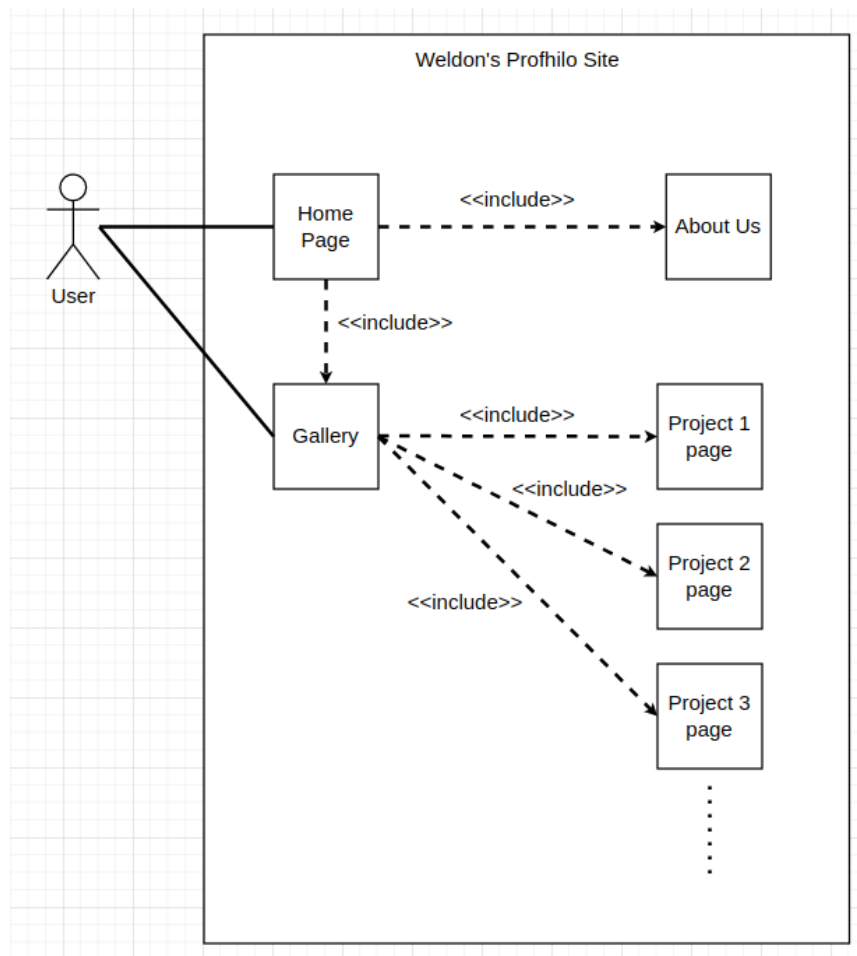


## Project Description

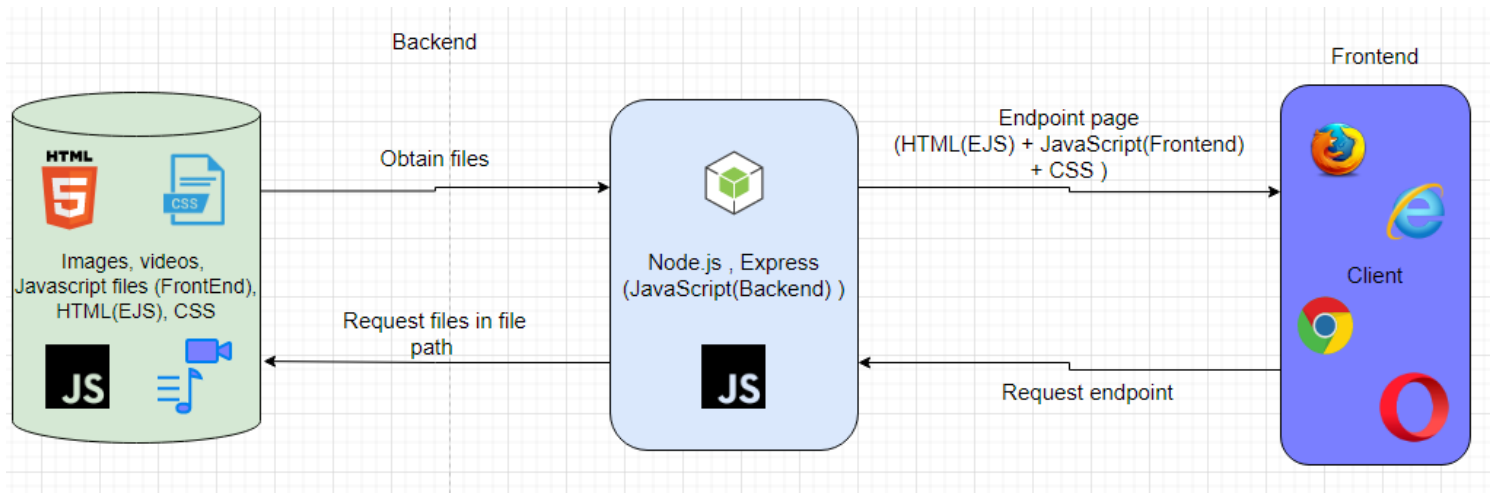
*Weldon's Projects* is a portfolio site that showcases projects that are made for various video games — such as skins, game modes, and levels. Each showcased project has its own page with development history and pictures (and videos if applicable).

Project GitHub repository: <https://github.com/Yuying-Jin/CS421proj>

## Project Use-Case Diagram



# Project Architecture



## Web App Behavior

- **Navigation hyperlinks in sidebar, header, and footer**  
Hyperlinks to sidebar, header, and footer. Allow users to jump to other pages conveniently.
- **Stylized interactive text and images**  
If users hover on a hyperlink or clickable text, the text color changes. If users hover on a clickable image, the image performs a zoom animation.
- **Gallery page & stylized content listing**  
All projects are listed in grid fashion and classified based on their associated game. Each project includes a thumbnail and title. Users will be able to click on a thumbnail and be directed to the project's page.
- **One page, multiple endpoints**  
All projects in Gallery lead to one page, but display different content depend on the project you clicked.
- **Background video for each page**  
The background of all pages of the site is animated with either video or custom made animation.
- **Proper error handling**  
Redirect to error page to the users when accessing non-endpoint or unauthorized endpoints. (such as 404 for nonexistent pages).
- **Redirect on mistyped path**  
Redirect users to correct path if potential incorrect path is entered. (Ex. '/about' and '/us' for About Us; '/home', '/index' and '/main' for homepage)
- **Contact information pop-up**  
There are "Contact" buttons under each developer's name in About Us page, click on one of those buttons shows the associated developer's role in development and their contact information.

## Endpoints

- **Home**  
The home page contains a short description of the site's purpose and two buttons to either **Gallery** or **About Us**.
- **Gallery**  
The gallery lists the projects in a grid fashion. Each project is a button that directs the user to that project's page.
- **About Us**  
The about us page contains a brief description of ourselves and "Contact" buttons to show our role in development and contact information.
- **Project pages**  
Pages for individual projects that will describe and give information on that project.

\*All pages will contain a header and a footer that will navigate to other pages of the site. The footer will also contain copyright and contact information.

## Behind the Pages

- **Home**

- The background video in homepage is a webm video set to play automatically and on loop.
- The hover animation of “Gallery” and “About Us” buttons is implemented using “:hover” in stylesheet.
- The hover animation of the two buttons is customized using the “transform:” and “transition:” property in stylesheet.
- The page content is written in homepage.ejs.
- The page is decorated using homepage.css.
- Page navigation via the two buttons are done using href links.

- **Gallery**

- Gallery item arrangement is done using flexbox properties.
- The hover animation of each items in Gallery is implemented using “:hover” in stylesheet.
- The hover animation of each items in Gallery is customized using the “transform:” and “transition:” property in stylesheet.
- All items in Gallery goes to the same Project page, but passes query string with key “id” to backend to determine what to display in the Project page.
- The page content is written in gallery.ejs, items are listed in items.ejs.
- The page is decorated using gallery.css.
- The background animation is injected in gallery.ejs and implemented using javascript functions in bg.js.

- **Project (item) page**

- Content on this page is determined by Gallery’s query string. The key “id” in Gallery’s query string is used by backend (app.js) to get correct content from itemDescriptions.js using switch-statement, the content is then passed to Project page via views parameters (<%= ... %>).
- Text, picture paths, and video paths in content are arranged in itemDescriptions.js using HTML syntax.
- The page is decorated using entry.css.
- The background animation is injected in entry.ejs and implemented using javascript functions in bg.js.

- **About Us**

- The page content is written in aboutUs.ejs.
- The page is decorated using aboutus.css.
- The function of “Contact” buttons under each developer’s name is implemented using javascript functions in aboutUs\_infoButton.js.
- The content displayed in “Contact” pop-ups is written in aboutUs.ejs.

- The background animation is injected in aboutUs.ejs and implemented using javascript functions in bg.js.
- **Header, Footer, Sidebar**
  - Taken from Bootstrap.
  - Content is written in header.ejs, footer.ejs, and sidebar.ejs.
  - Using bootstrap.min.css and commonViews.css for decoration.
  - Hover effects (Text color change) is implemented using “:hover” in stylesheet.
  - Page hopping after clicking on texts is done using href.
- **Error page**
  - Formatted in error.ejs
  - Decorated using error.ejs
  - Error code and error messages were passed from backend (app.js) using Express views parameters (<%= ... %>).
  - The background animation is injected in error.ejs and implemented using javascript functions in bg.js.
- **Other facts about Weldon’s Projects**
  - The entire project utilize Node.js Express.
  - Pages are rendered using Express views (EJS).
  - Some redirection were made in backend (app.js) using respond.redirect() for some commonly mistyped url. For example, /index, /home, and /main redirect users to home page ‘/’; /about and /us redirect users to /aboutus.

## Run the Project

1. Grab a zip of the project at project GitHub repo releases:  
<https://github.com/Yuying-Jin/CS421proj/releases>.
2. Extract the “Project” folder to a location of your choice.  
  
(Skip to step 4 if you already have node.js)
3. Download and install Node.js at <https://nodejs.org/en/download/> .
4. For Windows, open cmd; For Linux, open terminal.
5. Type “cd <Inside your ‘Project’ folder>”. Replace <Inside your ‘Project’ folder> with your “Project” folder path.
6. Type “node app.js”.  
  
( If you see the following line: “Server running on URL: http://localhost:3000”, the project is running. Otherwise, feel free to open an issue [here](#) if you have a GitHub account or email us at [weldonwen@yandex.com](mailto:weldonwen@yandex.com))
7. Open a browser and enter http://localhost:3000 for URL.

## References

- Color scheme and style: <https://audiosurf2.info/>
- Background video inspiration: <https://www.valvesoftware.com/>
- Connecting dots animation code assisted by: <https://codepen.io/LeonGr/pen/eYoZJB>
- Grid style and hover animation on gallery page assisted by: <https://codepen.io/sashatran/pen/aJvaEG>