Snatcher  
(Frontend)

# Overview of what we need to do.

* 1. Homepage

Must contain:

* + - 1. *Navigation bar on top.* Must stay fixed while scrolling or on mobile show only when you scroll up.
      2. *Background image.* Must have different background sizes ready for importing depending on device.
      3. *Title SNATCHER.* Give it effect to follow the mouse, indicating how it knows what you do on the website.
      4. *Input Url Form.* Must be in the center of the page all the time even on smaller devices.

Must contain:

1. Input field. Add custom input field effect.
2. Scrape button. Add custom button effect.
   * + 1. *Footer bar on bottom. Make it also responsive in different screen sizes.*

Must contain:

1. Team info
2. Contact info
3. Year and other bla bla info
   1. HistoryPage

Must contain:

* + - 1. *Navigation bar on top.* Must stay fixed while scrolling or on mobile show only when you scroll up.
      2. *Background image.* Must have different background sizes ready for importing depending on device.
      3. *Analyze history table.* Must develop a cool way to get table to resize for mobile.

Must contain:

1. Id of Snatcher - („who snatched the website“)
2. Time and date of snatching - When did the snatch happen.
3. URL – address that was entered into the input field.
4. Title – Title of the analyzed page.
   * + 1. *Most serched websites table.* Create table of most searched websites. *Do it in a way to delete the excess url from : https://www.youtube.com/watch?v=RF5\_MPSNAtU&spfreload=10 and get only* [*https://www.youtube.com/*](https://www.youtube.com/)
       2. *Websites with highest content lenght table.*  Create table which shows snatched websites with most content.
       3. *Add in the future.*..
   1. SnatchedWebsiteInfoPage

**Must contain:**

* + - 1. ***Title.* Must be the value of the title of the snatched website extracted from the DB.**
      2. ***General - InfoTable***

Must contain:

1. **Date & time**
2. **Url**
3. **Http\_Status\_Code(„Nema smisla pokazivati smrtnicima“)**
4. **Content lenght**
5. **Content type**
6. **Show the Server („Mozemo stavit link neki na info o serveru“)**
   * + 1. ***Additional – HeadersTable***

**Must contain:**

1. **Number of headers found.**
2. **List of all found headers – try to organise this so it is visualy appealing, take in account header order.**
   * + 1. ***Additional –ImagesTable***

**Must contain:**

1. **Number of images found.**
2. **List of all images.**
3. **Option to open image viewer to only look all the pictures on the website.**
   * + 1. ***Additional – CharactersTable***

**Must contain:**

1. **Number of found characters – of course not those which are on pictures and such.**
2. **List of all found characthers.**
3. ***Sub-table* with character highscores.**

**Optional contain:**

1. **Number of CAPS characters.**
2. **Number of . !? ... characters.**
3. ***Add later...***
   * + 1. ***Additional – WordsTable***

**Must contain:**

1. **List of all found words. \*Add to historyPage**
2. ***Sub-table* with words highscores.\*Add to historyPage.**
3. **ProblemFoundInfo – check if some words are repeating too often and say to the user he should replace it. \*check what % does a word cover in all found words.**

# **Overview of how we need to do it**

Homepage

**Must contain**

Navigation bar on top. Must stay fixed while scrolling or on mobile show only when you scroll up.

Checklist:

CSS – position : fixed;   
 CSS – make sure everything is nested properly – remove excess code  
 CSS – make sure the navigation bar resizes it self properly and changes style when on mobile  
 HTML – make sure all links lead to good pages   
 HTML – only show links that active user should be able to see  
 CSS/JAVASCRIPT – add custom effects to the buttons

**How will we accomplish this**

CSS

1. Make basic css stylesheet which will be template sheet for all pages - „ page\_style.css“

\*Check Flex box\*

**Body**

background-image: url("/imgs/background.jpg"); -

-webkit-background-size: cover; -Objasniti...

-moz-background-size: cover; -

-o-background-size: cover; -

background-size: cover; -

font-family: 'Poiret One', cursive; -

**Navigation**

Background image. Must have different background sizes ready for importing depending on device.

Checklist:

ImgSize – make sure we supply different image sizes so each device gets proper img  
 <meta> - use these tags inside <head> to tell device which img to show to user  
 Reusable – make navigation and background reusable between templates  
 Cover – make background always cover whole page  
 Zindex – give it the bottom z-index

Title SNATCHER. Give it effect to follow the mouse, indicating how it knows what you do on the website.

Checklist:

<div> - make a div that will contain the title  
 <svg> - add svg tags to the title \*means we will do animation? – investigate!  
 CSS – position the title in the center of the page \*make sure it is there always  
 JAVASCRIPT – make the title follow the mouse \*make new script.js for that – add lerp!  
 JQUERY – make the title appear after the text above has finished animating  
Resizable – make sure the title is always big enough for the screen

Input Url Form. Must be in the center of the page all the time even on smaller devices.

Checklist:

<div> - make a div that will contain the whole input form including logo above  
 <form> - make sure the input field and scrape button are working for the form  
InputField – make sure it is positioned properly inside the <div> and make it adjustable in case resizes occur. \*add custom effects with CSS and JS  
ScrapeButton – make sure it submits the value to the post method \*check OnClick for different approach of sending info.  
<holder> - make holders transparent and smooth edged.

Footer bar on bottom. Make it also responsive in different screen sizes.

Checklist:

<text> - add contact and application info.  
 <mail> - add mail functionality for contacting  
 background – give it custom background so it can be distinguished

HistoryPage

Analyze history table. Must develop a cool way to get table to resize for mobile.

Plan:

|  |  |  |  |
| --- | --- | --- | --- |
| **Desktop** | | | |
| Snatcher ID | Time of snatching | Snatched URL | Title |
| Mravich | 23:30 | www.youtube.com | Youtube |
| 28.5.2017 |

Checklist:

Row:hover – make sure to enlarge rows on hover  
 Cell:hover – make sure to enlarge the cells on hover also and make them clickable – each leading to a list of all snatches with related cell.   
<width> - work with width property to tell when to switch css template to change table style  
Design – design the holder and the table with style

|  |  |
| --- | --- |
| **Mobile** | |
| Snatcher ID | |
| Mravich | |
| Time of snatching | |
| 23:30 | 28.5.2017 |
| Snatched URL | |
| www.youtube.com | |
| Title | |
| Youtube | |

|  |  |  |
| --- | --- | --- |
| **Tablet** | | |
| Snatcher ID | Snatched URL | |
| Mravich | www.youtube.com | |
| Title | Time of snatching | |
| Youtube | 23:30 | 28.5.2017 |

Most serched websites table. Create table of most searched websites.

Checklist:

DATABASE – make new table in database in which you save the ammount of times one website or any of it's dependecies was searched. \*find a way to isolate [www.youtube.com](http://www.youtube.com)  
 <query> - develop a query which fetches the data from the database and send it to website

Plan:

|  |  |
| --- | --- |
| **Most snatched websites** | |
| Website | Times snatched |
| www.youtube.com | 232 |
| www.reddit.com | 15 |
| www.bbc.com | 4 |

Websites with highest content lenght table. Create table which shows snatched websites with most content.

CheckList:

DATABASE – create table in database for highscoreContentLenght   
 \*important\* - make sure to give snatcher info weather or not his snatch is eligible for contest  
 <ignore> - make sure only valid characters count (.,:;)

|  |  |  |
| --- | --- | --- |
| **Websites with highest ammount of snatched content** | | |
| Place | Website | Content lenght |
| First | www.youtube.com/1 | 123322 |
| Runner up | www.reddit.com/1 | 23222 |
| Third | www.bbc.com/1 | 4322 |

SnatchedWebsiteInfoPage

**Title. Must be the value of the title of the snatched website extracted from the DB.**

Checklist:

<title> - Get title of the snatched website and put it as title of this page  
 <load> - make sure when this page is loaded so must be the title.page info loaded also

**General –InfoTable**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **General Info table** | | | | | |
| Date & Time | URL | HTTP\_STATUS\_CODE | CONTENT LENGHT | CONTENT TYPE | SERVER |
| 29.5.2017 | www.youtube.com/1 | 200 | 88832 | html/text | snooserv |

***Additional – HeadersTable***

**Must contain:**

1. **Number of headers found.**
2. **List of all found headers – try to organise this so it is visualy appealing, take in account header order.**

**Additional –ImagesTable**

Checklist:

<number> - show the info on ammount of pictures found  
 <table> - create sub tables with pictures \*biggest,smallest,widest,highest...  
 See all - add option to click and open up additional box with all other data list

|  |
| --- |
| **# of images snatched** |
| 13 \*see all |

|  |  |
| --- | --- |
| **Heaviest images snatched** | |
| Size | Image |
| 1,232 Kb | cloudBackground.jpg |
| 852 kb | Logo.jpg |

|  |  |
| --- | --- |
| **Widest image snatched** | |
| Width | Image |
| 470px | Banner.jpg |
| 230px | Pic.jpg |

|  |  |
| --- | --- |
| **Highest image snatched** | |
| Height | Image |
| 500px | Man.jpg |
| 233px | Lava.jpg |

**Additional – CharactersTable**

Checklist:

<count> - make sure we only count valid characters letters and numbers  
 <table> - create extra tables for storing characters per page  
See all – add option to open up a box with all snatched characters on that page

|  |
| --- |
| **# of snatched characters** |
| **82238** |

|  |  |  |
| --- | --- | --- |
| **Character ranking** | | |
| **Place** | **Character** | **#** |
| **First** | **a** | **2332** |
| **Runner up** | **v** | **322** |
| **Third** | **x** | **133** |

**Additional – WordsTable**

Checklist:

<Uppercase> - store all words as uppercase characters in database so that if there is Dear or dear it counts as same word.  
 <“seo“> - filter out the words that are repeating to much or to little and inform the user

|  |
| --- |
| **# of snatched words** |
| 5664 |

|  |  |  |
| --- | --- | --- |
| **Word ranking** | | |
| Place | Word | # |
| First | dear | 23 |
| Runner up | love | 17 |