## Public Web Site Functional Requirement

### Home Page

The Home page will give visitors an overview of Harari people regional state center of competence Objective and roles in a structured & more interactive ways. It provides links to the different parts of the website. Including:

* Links to different sections of the website
* Latest news (audio and video) headlines
* Language options
* News/Announcements/Events from the company
* Link to subscribing new customer
* Links to affiliate websites
* Links to different social links , like fanabc subscribing and social network <https://fanabc.com/>

### About us

The page shows details about the HPRSCOC history, Annual Report, Achievement and Short-term objectives.

### News and Event

A page uses to release different activities and new happenings to general public.

### Careers/Vacancy

This page used to show the jobs offers within the organization.

### Announcements

A page uses to call researchers or other customer and stakeholders for different research projects and award schemes.

### Facts & FAQs

Quick and accessible information as well as system generated frequently asked questions and answers will be incorporated in this section.

### Forums

A discussion room where the registered users can discuss issues related to the organization’s news, announcements and activities.

### Contact Us

Full contact details of the HPRSCOC Key staff with their contact address email and telephone, address. If visitor have comments or suggestions they can also send their message directly from the website.

### Media id='defaultRTE'

Full media releases, media contacts, images library, short videos, commercials and marketing materials.

### Site Map

This page will give an overview of the website and lists all of the pages and each list is linked to the specification site page.

### Links Management System

Partner’s website and other related links will be displayed on your website’s links section. This will be managed with an easy links management module.

Make available brochures and E-newsletters for download to so that customers will have further information.

### Content Management System

The website should have a user friendly and secured content management system, enabling anyone with basic IT knowledge to Upload, to Archive & Update the site using its own files transferring application. CMS enables you to easily modify any content on your site allowing you to edit your site’s content much like using Microsoft Word using simple WYSIWYG (what you see is what you get) plug-in.

### Web Log Application

The site should have Web Log application that tracks the number and statistics of users and generates internet traffic report for the website administrator to upgrade and improve the site.

### Online Candidate Information Management

* + Online Candidate Application
  + Online Candidate Result View
  + Online Candidate Schedule View
  + Online Candidate Certificate Verification

database design

|  |  |  |
| --- | --- | --- |
| Menu Management | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| title | varchar | Required |
| description | varchar |  |
| category\_id | Number | Required |
| Status | boolean | Required |
| Language | Varchar | Required |
| default\_menu | Number |  |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Category Management | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| title | varchar | Required |
| description | varchar |  |
| Language | Varchar | Required |
| default\_category | Number |  |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Link Management | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| title | varchar | Required |
| description | varchar |  |
| address | Varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Article Management | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| title | varchar | Required |
| description | varchar |  |
| category\_id | Varchar | Required |
| featured | Boolean | Required |
| Language | Varchar | Required |
| default\_article | Number |  |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Subscription Management | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| subscriber | varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| student Profile | | |
| Column Name | Type | Remark |
| id | Number (P) | auto-increment |
| fullName | varchar | required |
| sex | varchar | required |
| nationality | varchar | required |
| institute | varchar | required |
| modeofTraining | varchar | required |
| occupationTrainedOn | varchar | required |
| subcity | varchar | required |
| wereda | varchar | required |
| homePhone | varchar | required |
| officePhone | varchar | required |
| martialStatus | varchar | required |
| disability | boolean | required |
| natureofDisability | varchar | required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Apply | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| location | varchar | Required |
| sector | varchar | Required |
| sub-sector | Varchar | Required |
| occupation | Varchar | Required |
| amount | number | Required |
| unitofCompetency | Boolean | Required |
| invoiceNumber | number | Required |
| student\_id | varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Result | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| verificationCode | number | Required |
| practical | varchar | Required |
| knowledge | Varchar | Required |
| overallstatus | Varchar | Required |
| student\_id | Varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| Schedule | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| occupation | varchar | Required |
| groupNumber | number | Required |
| center | Varchar | Required |
| date | date | Required |
| time | time | Required |
| student\_id | Varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| media | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| caption | varchar | Required |
| type | varchar | Required |
| location | Varchar | Required |
| date | date | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| user | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| fullName | varchar | Required |
| email | varchar | Required |
| password | Varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

|  |  |  |
| --- | --- | --- |
| comment | | |
| Column Name | Type | Remark |
| id | number (P) | auto-increment |
| comment\_for | int | Required |
| comment | varchar | Required |
| comment\_by | varchar | Required |
| created\_date | timestamp |  |
| updated\_date | timestamp |  |
| status | boolean |  |

API design

login

GET /user/?email=’email’&password=’21221’

{‘email’:’abc@gmail.com’,’password’:’4544’}

sign-up

POST /*user/*{body}

{‘error’:’false’}

GET /user/?email=’email’

{‘email’:’abc@gmail.com’}

**menu**

GET /menu/{language}/?status=’active’

[

{‘title’:’contact us’,’category\_id’:’1’},

{‘title’:’about’,’category\_id’:’2’}

]

GET /menu/

[

{‘id’:’1’, ‘title’:’about’, ‘description’:’about us page’,’category\_id’:’1’,’status’:’active’, ‘language’:’eng’,’defult\_menu’:’1’},

{‘id’:’2’, ‘title’:’about’, ‘description’:’about us page’,’category\_id’:’1’,’status’:’active’, ‘language’:’amh’,’defult\_menu’:’2’}

]

GET /menu/:id

{‘id’:’1’, ‘title’:’about’, ‘description’:’about us page’,’category\_id’:’1’,’status’:’active’, ‘language’:’eng’,’defult\_menu’:’1’}

POST /menu/{body}

{‘error’:’false’}

PUT /menu/:id/{body}

{‘error’:’false’}

DELETE /menu/:id

{‘error’:’false’}

**category**

GET /category/

[

{‘id’:’1’, ‘title’:’about-us’, ‘description’:’about the company’,’language’:’Eng’,’defult\_category’:’2’}

{‘id’:’2’, ‘title’:’about-us’, ‘description’:’about the company’,’language’:’Eng’,’defult\_category’:’1’}

]

GET /category/:id

{‘id’:’2’, ‘title’:’about-us’, ‘description’:’about the company’,’language’:’Eng’,’defult\_category’:’1’}

POST /category/{body}

{‘error’:’false’}

PUT /category/:id/{body}

{‘error’:’false’}

DELETE /category/:id

{‘error’:’false’}

**article**

GET /article/

[

{‘id’:’1’, ‘title’:’Computer science’, ‘description’:’computer technology’,’category\_id’:’1’,’featured’:’true’, ‘language’:’eng’,’defult\_article’:’1’},

{‘id’:’2’, ‘title’:’Computer science’, ‘description’:’computer technology’,’category\_id’:’1’,’featured’:’true’, ‘language’:’eng’,’defult\_article’:’1’},

]

GET /article/:id

{‘id’:’1’, ‘title’:’Computer science’, ‘description’:’computer technology’,’category\_id’:’1’,’featured’:’true’, ‘language’:’eng’,’defult\_article’:’1’},

POST /article/{body}

{‘error’:’false’}

PUT /article/:id/{body}

{‘error’:’false’}

DELETE /article/:id

{‘error’:’false’}

**Link**

GET /link/

[

{‘id’:’1’, ‘title’:’twitter’, ‘description’:’about the company twitter page’,’address’:’[www.twitter.com/abc](http://www.twitter.com/abc)’},

{‘id’:’2’, ‘title’:’twitter’, ‘description’:’about the company twitter page’,’address’:’www.twitter.com/abc’}

]

GET /link/:id

{‘id’:’1’, ‘title’:’twitter’, ‘description’:’about the company twitter page’,’address’:’[www.twitter.com/abc](http://www.twitter.com/abc)’}

POST /link/{body}

{‘error’:’false’}

PUT /link/:id/{body}

{‘error’:’false’}

DELETE /link/:id

{‘error’:’false’}

**Media**

GET /media/

[

{‘id’:’1’, ‘caption’:’annual meeting 2019’, ‘type’:’image’,’location’:’dir/image/a.jpg’, ‘date’:’01/12/2019’},

{‘id’:’2’, ‘caption’:’annual celebration 2017’, ‘type’:’video’,’location’:’dir/image/a.jpg’, ‘date’:’01/12/2019’}

]

GET /media/:id

{‘id’:’1’, ‘caption’:’annual meeting 2019’, ‘type’:’image’,’location’:’dir/image/a.jpg’, ‘date’:’01/12/2019’}

POST /media/{body}

{‘error’:’false’}

PUT /media/:id/{body}

{‘error’:’false’}

DELETE /media/:id

{‘error’:’false’}

**subscribe**

POST /subscribe/{body}

{‘error’:’false’}

**News**

GET /news/{language}/?featured=’true’

[

{‘id’:’1’,‘title’:abdicate”,description:’xxx’,’article\_id’:’444’,’full\_content’:’false’,’image’:’xxxxx’, ‘highlight’: ’the earth goes down ?’},

{‘id’:’1’,‘title’:abdicate”,description:’xxx’,’article\_id’:’444’,’full\_content’:’false’,’image’:’xxxxx’},

]

GET /pages/{category}

{‘id’:’1’,‘title’:abdicate”,description:’xxx’,’article\_id’:’444’,’full\_content’:’false’,’image’:’xxxxx’},

**Student**

GET /student/result/?code=’212512’

{‘id’:’1’,’verificationCode’:’2121’,’practical’:’42’,’knowledge’:’42’,’status’:’passed’}

GET /student/result/:id

{‘id’:’1’,’verificationCode’:’2121’,’practical’:’42’,’knowledge’:’42’,’status’:’passed’}

GET /student/schedule/:id

{‘id’:’1’,’occupation’:’waiter’,’groupNumber’:’42’,’center’:’bole HS’,’date’:’02/08/2016’, ‘time’:’02:03’}

GET /student/profile/:id

{

‘id’:’1’,’fullName’:’abebe kebded’,’sex’:’male’,’nationality’:’Ethiopian’,’institute’:’Appdiv’, ‘modeofTraining’:’night’

‘occupationTrainedOn’:’mechanick’, ‘subcity’:’lideta’, ‘wereda’:’7’, ‘homePhone’:’212’, ‘officePhone’:’5554’, ‘martialStatus’:’single’, ‘disability’:’true’ ,’natureofDisability’:’abcde’

}

POST /student/profile/{body}

{‘error’:’false’}

PUT /student/profile/:id/{body}

{‘error’:’false’}

// application

POST /student/application/{body}

{‘error’:’false’}

// password change

GET /student/security/:id

{‘password’:’1234’}

PUT /student/security/:id/{body}

{‘error’:’false’}

// comments

GET /forum/comment/:id

[

{‘id’:’1’, ‘comment\_for’:’1’, ‘comment’:’nice post’,’comment\_by’:’1’}

]

POST /forum/comment/{body}

{‘error’:’false’}