


Mi-12 Assignment Requirement
Assignment12_category_0021

 : 0 [If we have any update we will mention it here]. Do check frequently to see if any updates have been made.

We are looking someone who can develop our Scholarship Management System where student can search there suitable university and Scholarship also they can apply for the scholarship through our Scholarship Management System.

In our website will be 3 type of user one is by default user and another one is admin and another one is moderator. Thats mean when a user register his/her role will user. And this role can be changed by the admin you will know detail in admin dashboard section.

Key Rules:

- Include a minimum of 20 notable GitHub commits on the client side
- Include a minimum of 12 notable GitHub commits on the server side
- Add a meaningful readme.md file with the name of your website, Admin username, password and live site URL. Include a minimum of 10 bullet points to feature your website.
- Make it responsive for all devices. You need to make it responsive for mobile, tablet and desktop views. Make the dashboard responsive as well.
- After reloading the page of a private route, the user should not be redirected to the login page.
- Use the Environment variable to hide the Firebase config keys and MongoDB credentials.
- Don't use any Lorem ipsum text in your website.
- Show sweet alert/toast/notification for all the crud operations, successful authentication login, and sign-up. Don't use the default browser alert.

Main Tasks

1. Make sure your design and website idea is unique. First, finalize your idea (what type of website you want to build). Then google the site design or visit `themeforest` to get your website idea. However, your website `can not be related to your previous assignments or any demo project displayed in the course or in our conceptual sessions`.

1. **Home Page:** Home page will Contain Navbar,Banner,Top Scholarship Section,Student Review Section,Contact Us Footer section (also Remember Add One more section as you want must be related to website)

Navbar- in the navbar will contain one logo left side and right side should contain (Home,All Scholarship, User Dashboard (private),Admin Dashboard(private), Login & Logout Button (will show according to user login).
Note: User Dashboard and Admin Dashboard will Show according to logged in user role(**role will discuss below**).

Banner: in this section you need to add a slider /carousel to show some offer or advertisement to the user as per your design but must do at least 3 sliders.

Top Scholarship: in this section you need to show At least 6 Scholarship cards to the user. After 6 cards you need to show an All scholarship button if a user clicks it will take the user to All Scholarship routes.

Here top scholarship searching/selecting criteria will depend on scholarship review and PostDate its mean which scholarship has a **Low application fees** and also **recently posted**.

Each scholarship show data below:

- University Name,
- University Image/logo,
- Scholarship category,
- University location/address (country and city)
- Application Deadline,

- Subject Category,
- Application Fees,
- Rating (just rating point **it should be average rating point of all rating points**),
- Scholarship Details Button

Scholarship Details Page

After clicking Scholarship Details Button it will take user Scholarship Details Page **(this page will be private)** .In this page you need to show scholarship details information

For example: University Name,
 University Image/logo,
 Scholarship category,
 University location/address (country and city)
 Application Deadline,
 Subject name,
 Scholarship Description,
 Stipend (if have),
 Post Date,
 Service Charge,
 Application Fees,

Apply Scholarship Button

Also Need to Show all the reviews that users gave for this scholarship (you can do review card design). Each review you need to show

Reviewer image,
 Reviewer name,
 Review date,
 Rating point,
 Reviewer Comments

You need to use a slider / carousel to show the review.

Apply Scholarship Button Functionality

After clicking the Apply Scholarship Button it will take you to the payment/checkout page .In this page users need to pay the application fees after payment successfully done user can apply for the scholarship in this system.

If payment successfully you need to show a toast if you have any error you need to show in the toast also.

[you can use Any Payment gateway for this Strip or SSL-commerze is okay]

After Successfully Payment Done In this page you need to show a form that the user can submit his/her information.

Applicant phone number,
Applicant photo,
Applicant address (village,district,country),
Applicant gender (by dropdown) ,
Applicant Applying Degree(by dropdown total three degree:
Diploma,Bachelor,Masters),
SSC Result,
HSC result,
Study gap (optional if have user select by the dropdown)
University name:(read only)
Scholarship category:(read only)
Subject Category(read only),

Submit/ Apply Button

After clicking Submit/ Apply you also need to add more information with this :

User name,
User _id(if you think you will need in future),
User Email,
Scholarship _id,
Current date

then you need to post this data to your database as an applied Scholarship.

If successfully inserted you need to show a sweet alert/toast to the user that applied successfully.

2. All Scholarship Page

Top of this page will have a Search box and Search button.

You need to implement Search Functionality in this page user can search By Scholarship Name and University name and Degree name.

In this page you need to show all Scholarships By default as many as you have (you can implement pagination it will be discussed in the challenge task).

You need to show all scholarships by card design. Each card will contain the same information as I mentioned in the Top scholarship section.

Also a user can see Scholarship details by clicking Details from the scholarship card.

If search result no scholarship you need to show no scholarship available or any meaningful image/message to the user.

Authentication

You must implement Email and password-based Authentication. This means you will have to implement the Registration and the login page. Users should be able to toggle between Login and Registration view. Also you need to implement at least one social login system.

> **Note:** Do not enforce the 'forget or reset password feature' and the 'email verification method', as it will inconvenience the examiner. If you want, you can add email verification/forget the password after receiving the assignment result.

On the Registration page, display errors when:

The password

- is less than 6 characters

- don't have a capital letter
- don't have a special character

On the Login page, display errors when:

- password doesn't match
- email doesn't match

You can take the error message from Firebase. You can show the error below the input fields or via alert/toast. If you use alert/toast, do not implement the browser alert.

You must do the the following:

1. Once logged in, the user name, profile picture and the logout button should appear on the navbar. If the user clicks on the logout button, make sure to log him/her out.
2. Add a 404 page (not found page)

User Dashboard (Private Route)

When a user clicks on the Dashboard, he/she will be redirected to a page where there will be the following routes:

- A. My Profile.
- B. My Application.
- C. My reviews.

My Profile page: On this page there will be some information about the logged in user. The information must include user name, user image, role (if the user is a regular user then don't show anything). You can add other relevant information if you wish.

My Application: on this page the user can see only his/her all applied scholarship that he/she already applied. Need to show it in tabular format.

Each row you need to container information below:

- University Name,

- University Address,
- Application Feedback (feedback given by the moderator/admin)
- Subject Category,
- Applied Degree,
- Application Fees,
- Service Charge,
- Application Status (pending,processing,completed and if this application cancel by the moderator it will show “Rejected” status),
- Three Action button need to show **Details Button, Edit Button,Cancel Button,**
- **Add review button**

Users can see scholarship details by clicking Details Button.

If application status is pending user can Edit application but if the application status is processing user can not Edit application if click Edit button you need to show a sweet alert that can not Edit application is processing.

But User can cancel the application anytime if he/she want.

Add Review Button:

When a user clicks the add review button the user will be able to give a review on this particular scholarship. After click the button a model will be open and take information for review below:

- Rating point
- Review comment
- Review date

With those you need to take also

- Scholarship name
- University name
- University _id
- Logged in user Name
- User image (optional depend on you)
- User email

All those information will be taken on a review.

My reviews: if a user clicks My reviews he/she can see only his/her review in tabular format.

You need to show

- Scholarship name,
- university name,
- Review comments,
- Review date.
- Delete button,
- Edit Button,
- User can delete his/her review by clicking the delete button.
- User can edit his/her review by clicking the edit button.

Here you need to show a modal and then show all the review information in the modal input form after the user edit the form if successfully edited then show a sweet alert to user.

Moderator Dashboard:

(Private Route) and only the users who has the Moderator role will be able to see these routes

When a user clicks on the Dashboard, he/she will be redirected to a page where there will be the following routes:

- D. My Profile.
- E. Manage Scholarships.
- F. All reviews.
- G. All applied Scholarship
- H. Add Scholarship

My Profile page: On this page there will be some information about the logged in user. The information must include user name, user image, role (if the user is a regular user then don't show anything). You can add other relevant information if you wish.

Manage Scholarships: in this page moderator can All Scholarships in tabular format for each scholarship you need to show at least

- Scholarship name,
- University Name,
- Subject Category,
- Applied Degree,
- Application Fees,
- Three button Details, Edit ,Cancel (recommended to use react icons)

Moderator can See the Scholarship details by clicking the details button.

Moderator can Edit the Scholarship by clicking the edit button. It will show a modal moderator can edit all of the information as he/she wants.in the modL you can show the data in the input field so that moderator can edit and submit the modal for update f update successfully show a alert button.

By clicking the Delete button moderator can delete the scholarship. If delete successfully shows an alert button.

All reviews: in this page moderator can See all the reviews .

Show all the reviews in card format; each row will contain 3 cards.
Each review card you need to show the information that you show

- Reviewed University Name,
- Subject Category,
- Reviewer image,
- Reviewer name,
- Review date,
- Rating point,
- Reviewer Comments
- Delete Button

Moderator can Delete a review by clicking the delete button if Delete successfully shows an alert button.

All applied Scholarship: In this page moderator can see all the applied Scholarship in tabular format each application need to show

- University Name,
- Scholarship Name,
- Scholarship Category,
- Subject Category,
- Applied Degree,
- Application Fees,
- Service Charge,
- Application Status (pending,processing,completed),

Three Action button need to show **Details Button, Feedback Button,Cancel Button,**

Details Button:

After clicking the Details it will show the application details in Modal.

You need to show

Applied university name,

Applied Degree,

Applied Scholarship Category,

Or any other information as you want.

Feedback Button: after clicking the feedback button it will open a modal and there will be a Feedback input field that the Moderator can give feedback for this application (if any document is missing or any information needed).

After submitting the feedback this feedback will show in the user (his/her)Application page. If submitted successfully, you need to show a sweet alert.

Cancel Button: if the moderator wants he/she can cancel any application by clicking the cancel button. If the application is canceled, the applicant will see the status rejected.

Add Scholarship: in this page moderator can able to add scholarship data are below:

Scholarship Name ,
University Name,
University image/Logo, (using immb to host your image do not insert link in the input field
you need to host image by clicking upload image button)
University Country,
University city,
University World rank,
Subject category,(by dropdown total three category:(Agriculture,Engineering,Doctor),
Scholarship category, (by dropdown total three category: Full fund,Partial,Self-fund),
Degree (by dropdown total three category: Diploma,Bachelor,masters),
Tuition fees,(optional),
Application fees,
Service charge,
Application Deadline,
Scholarship post Date,
Posted User Email

Or if you need any other information you can add

After clicking Add Scholarship Button it will inserted in your database and show a alert.

Admin Dashboard

(Private Route and only the users who has the admin role will be able to see these routes):

- A. Admin Profile.
- B. Add Scholarship
- C. Manage Scholarship.
- D. Manage Applied Application
- E. Manage Users.
- F. Manage Review

Admin Profile: in this page there will be some information about the logged in user. The information must include user name, user image, role (if the user is a regular user then don't show anything). You can add other relevant information if you wish.

Add Scholarship: in this page admin can Add Scholarship (please follow this [Add Scholarship functionality already discussed in moderator Dashboard Add Scholarship page](#))

Manage Applied Application: in this page admin can Manage Applied Application (please follow this [Manage Applied Application functionality already discussed in moderator Dashboard Manage Applied Application page](#))

Manage Scholarship: in this page admin Will see all Scholarship (please follow this [Manage Scholarship functionality already discussed in moderator Dashboard Manage Scholarship page](#))

Manage Review: in this page admin Will see All Review (please follow this [Manage Review functionality already discussed in moderator Dashboard Manage Review page](#))

Manage Users: in this page admin will see all the user in tabular format.

Each user information you need to show

User Name,

User Email,

User Role (user,moderator,admin) (by default a user role should be user),

Delete Button

[user role will be in dropdown thats mean first it will show user role if admin click this role it will show a dropdown menu and admin can see others role (moderator,admin) if user click moderator from dropdown user role will be updated to moderator if admin click admin thats mean user role will be updated in admin.

That means Admin can change the user role by clicking the dropdown menu.

Noted: you need to implement a sort/filter functionality for User Role in the Admin dashboard. You can put the sort/filter dropdown in the top right dashboard then admin can easily click and filter users by their role.

Delete Button : by clicking this delete button admin can delete user information from the database.

Challenges task:

1. Make a pagination in all Scholarship pages implementing this functionality frontend or backend it's up to you.1
2. Implement sorting/filtering function in **Manage Applied Application** in moderator and admin Dashboard.
Put a sorting/filtering dropdown option in top middle on moderator and admin dashboard thats can easily filtering by applied date, and scholarship deadline
3. Implement JWT on login (Email/Password and social) and store the token (You must store the token in localStorage not in cookie).
4. Implement an analytics Chart page in the Admin dashboard (any chart you can use) . for showing charts with (no requirements from our side) it totally depends on your thinking according to your website.

Optional Task

1. Implement Axios interceptor.
2. Implement a price based filtering system on "All properties page".
3. Use swiper.js for any slider.
4. Use React hook form for any form related works.

What to Submit

1. **Assignment Category/variant:**
2. **Admin email:**
3. **Admin password:**
4. **Agent email:**
5. **Agent password:**
6. **Front-end Live Site Link:**
7. **Client Side Github Repository Link:**
8. **Server Side Github Repository Link:**