



**Name:** Muhammad Abdullah Abbasi  
Abdullah Zahid

**Enrollment:** 01-131202-020  
01-131202-036

**Class:** BSE- 6A

**Submitted to:** Aamir Sohail

**Project Report**

**Web Engineering**

**BAHRIA UNIVERSITY ISLAMABAD CAMPUS**

**Project Name:**

*"Web Portal of University integrated with EMS (Exams Management System)"*

**Tools Used:**

- ✓ HTML
- ✓ CSS
- ✓ NodeJS
- ✓ ExpressJS
- ✓ MongoDB
- ✓ MongoAtlas
- ✓ ChatGPT

**Stakeholders:****Users:**

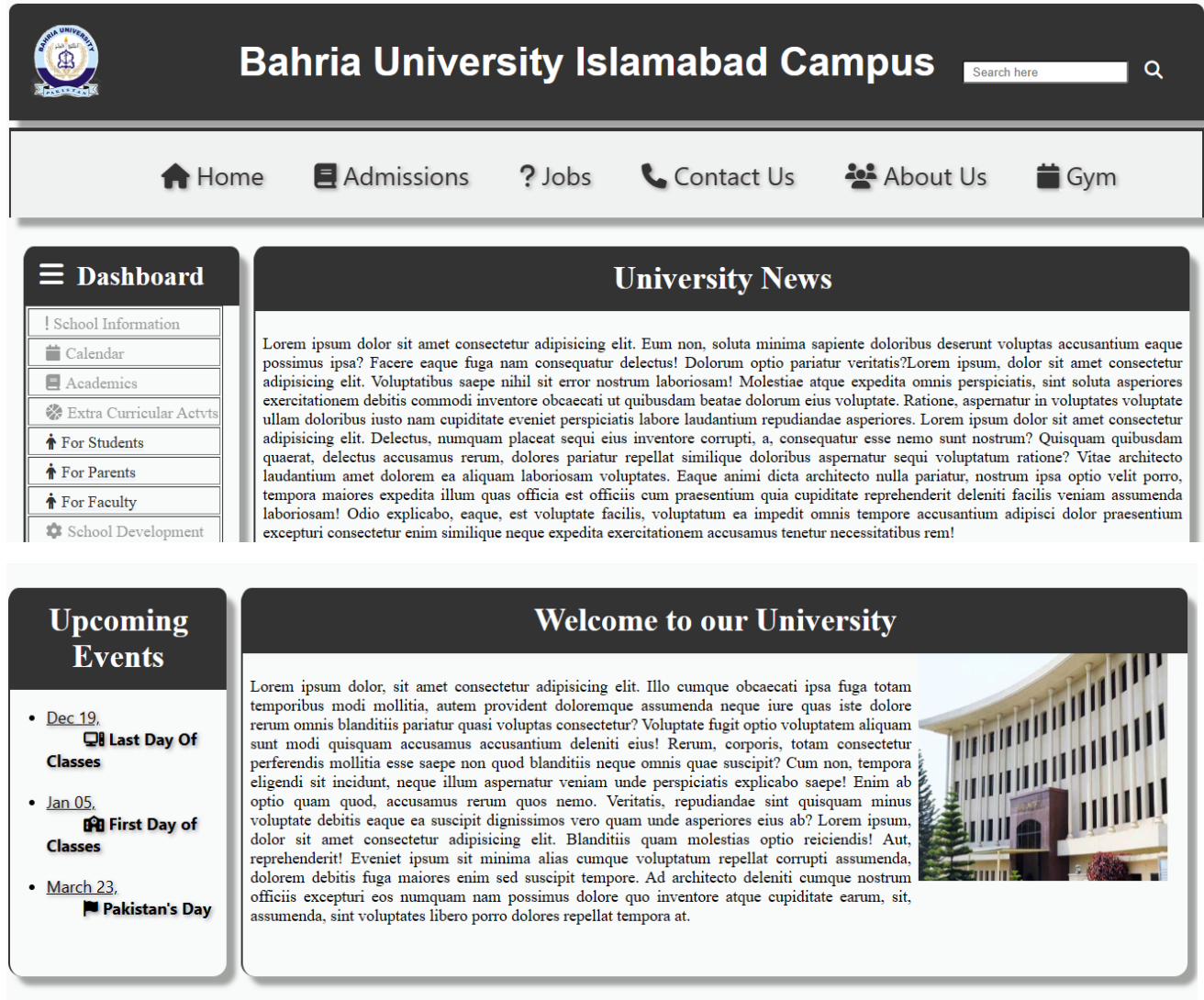
- Faculty Member
- Student

**Developer:**

- Admin

## Project Description:

### Part a) Web portal of university



**Part b) Admission & Job Portal :**

 **Admissions**

Instructions

Lorem ipsum dolor, sit amet consectetur adipiscing elit. Corporis sit explicabo amet facere blanditiis, dolorem, tempora provident itaque dicta illo magni rem voluptatibus voluptas cum commodi nunc.
 Necessitatibus voluptatibus eum quoque doloribus voluptatibus voluptas? Ipsum, necessitatibus nihil? I idem corporis hic, quoque assumenda laborum reprehenderit maxime incidenti qui, quo itaque consectetur?

Personal Information

Your Name:

Father's Name

Nationality:

-Select a country-

Gender:

-Select gender-

Date of Birth:

mm / dd / yyyy

CNIC:

XXXXXX

XXXXXXX

X

Contact details

Phone Number:

+1 (United States)

Alternate Phone Number:

+1 (United States)

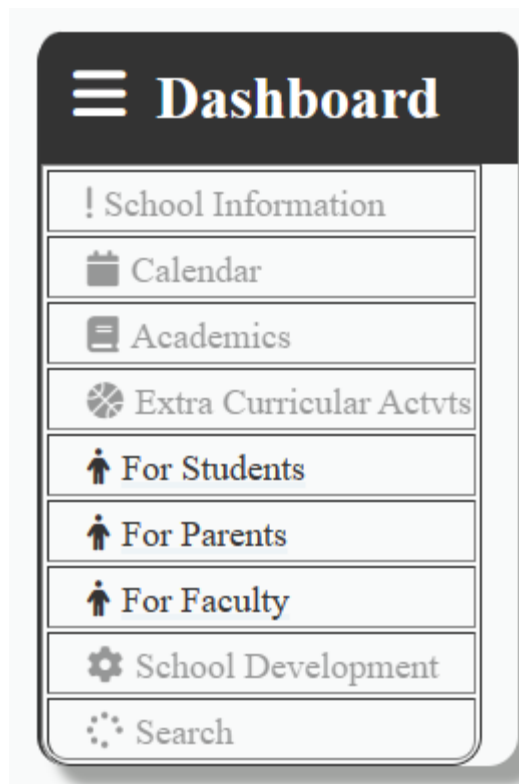
Email:

somewell@gmail.com


### Faculty Members


[illegible]

**Part c)** Login (as a student && as a faculty member)




## Student Login

 ID:

 Password:

☒ Category:

 Campus:

## Faculty Login

ID:

bahria@6378

Password:

\*\*\*\*\*

☒ Category:

Select

 Campus:

Select

Submit

Reset

Copyright@bahira.edu.pk

## Part d) Contact Us Page

## Contact Us

### Contact Us

Name:

Enter your name

Email:

Enter your email

Message:

Enter your message


Submit


Part e) Fitness Gym





# Bahria University Fitness Gym

Contact Us

 Home

 Yoga

 Strength

 Cardio



 Home

 Yoga

 Strength

 Cardio



See more >


Register Now!

Copyright@bahria.edu.pk/gymnasium

Contact: 051-4462956

Designed By: Muhammad Abdullah Abbasi

## Part f) Registration of GYM



### Bahria University Fitness Gym

#### Registration

Name:


Email:

Password:


Confirm Password:

Date of Birth:


## Part g) About Us and Project Details



## About US



**Muhammad Abdullah Abbasi**  
Full Stack Web Developer  
officialabdullah261@gmail.com



**Abdullah Zahid**  
Artificial Intelligence  
abdullahzahid1089@gmail.com



## About Project:

The Project started in April,2023. It almost took 2.5 months to complete

### Project Proposal

Following document is the project proposal or project idea befor starting the project

[Download PDF](#)

### SRS

The main SRS document

[Download PDF](#)

### SRS (ReqView)


The SRS document using ReqView

[Download PDF](#)


### Conceptual Model


The SRS of the project was divided into many parts  
Following is the first part of SRS which consists of Conceptual Model

## Part h) Exams Management system



# Exams Management System



**Dashboard**

Paper

Assignment (Asgn)

Quiz

[Logout](#)

## Welcome to Examination System

- We provide you with alot of choices
- Paper making
- Assignment making
- Quiz making

- Faculty member uploads:
  - Paper



## Papers Management System

### Papers

Course:

Select

Level Of Difficulty:

Select

Number of Questions:

Enter a number between 5 and 10

Enter a topic:

Enter a topic

Submit

Copyright@bahria.edu.pk  
Contact: 051-4462956  
Designed By: Muhammad Abdullah Abbasi

- Assignment



## Assignment Management System

### Assignments

Course:

Select

Level Of Difficulty:

Select

Number of Questions:

Enter a number between 5 and 10

Enter a topic:

Enter a topic

Submit

Copyright@bahria.edu.pk  
Contact: 051-4462956  
Designed By: Muhammad Abdullah Abbasi

- Quiz

☰

Dashboard

Paper

Assignment (Asgn)


Quiz

Fill in the Blanks

True False

MCQs

One Word Answer



Quiz Management System

Fill in the Blanks

Course:

Select

Level Of Difficulty:

Select

Number of Fill in the blanks:

Enter a number between 5 and 10

Enter a topic:

Enter a topic

Submit

Copyright@bahria.edu.pk

Contact: 051-4462956

Designed By: Muhammad Abdullah Abbasi

## **Identification of Requirements:**

### **Data Requirements:**

#### **Necessary functions performed by the website:**

1. Allow Admissions
  - Students
2. Allow Jobs
  - Faculty members
3. Allow Login/Logout
  - Students
  - Faculty members
4. Exams Management System (for faculty)
5. Exams Management System(for students)

#### **Necessary functions performed by different users:**

- Students
  1. Open/ Fill and Upload Admission form
  2. Login the QMS
  3. View Quiz
  4. Solve Quiz
  5. Submit Quiz
  6. Check Marks of Quiz
  7. Logout the QMS
- Faculty Members
  1. Open/ Fill and Upload Job Admission form
  2. Login the QMS
  3. Upload Quiz
  4. Upload Quiz Marks
  5. Logout the QMS
- Staff Members
  1. Open/ Fill and Upload Job Admission form

