

## MITBIO - DASHBOARD - BUSINESS REQUIREMENT DOCUMENT

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### Objective :

This project aims to develop a secure and efficient backend system for MITBIO Educational Institute to manage student registration data. The system will automate the collection and organization of student information submitted through the online registration form and provide administrators with convenient access to this data in downloadable formats like Excel or CSV.

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### 1. Important Pointers :

1.1. On the Students Account page , All the details filled at the time of registration should be auto filled on the account page/Personal Details Tab.

1.2. After Login these fields shouldn't have Edit Options.

1.2.a. Name of the Applicant

1.2.b. Date of Birth.

1.2.c. Email ID.

1.2.d. Mobile Number.

1.3. Academic Details form will be accessible to the Candidates only after the Candidate successfully login

1.4. A provision for the candidates to Download the form should be provided in the Candidates Account Page.

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### 1. Application Form Requirements

2.1. Create an Application Form for the Candidates to fill in the details. The below fields should be included in the Application Form.

Sr.No	Field Name	Field Type	Comments
1	Select Course Type*	Conditional Dropdown.  Dropdown Options : <b>UG Program</b> B.Tech Bioengineering	When any of the program is selected respective sub-options should be made available to the candidates to select from.

		<b>PG Program</b> M.Tech.(Environmental Bioengineering) MSc. Industrial Biotechnology  <b>PhD Program</b> PhD in Bioengineering	
2	First Name*	Text	
3	Middle Name*	Text	
4	Last Name*	Text	
5	Date of Birth*	Text (DD/MM/YYYY)	Provision of Calendar to select the date & Month and textbox to add Year
6	Email Address*	Text	Email ID validations to be applied
7	Parent/Guardian Email Address*	Text	Email ID validations to be applied
8	Mobile Number*	Text	Mobile Number validations to be applied
9	Permanent Address*	Text	
10	City*	Text	Check is auto fetching of field can be done using Address
11	State*	Text	Check is auto fetching of field can be done using Address
12	Country*(as mentioned on Passport)	Dropdown/Text Field	Check is auto fetching of field can be done using Address

13.	Pin code*	Text	
14.	Caste *	Text	
15.	Category*	Dropdown  <b>Dropdown Options</b> General S.C S.T OBC VJ NT-B NT-C NT-D SBC	
16.	SSC Percentage /CGPA*	Text	On Upload Documents Form this field should be autofilled
17.	HSC Percentage /CGPA*	Text	On Upload Documents Form this field should be autofilled
18.	Graduation percentage /CGPA*	Text	On Upload Documents Form this field should be autofilled
19.	Entrance Exam Appeared*	Dropdown  <b>Dropdown Options.</b> NEET JEE MH-CET PERA-CET GATE NONE	Provision Multiple Selection to be given
20.	Gender*	Radio Button  <b>Options</b> Male Female Others	

21.	Nationality *	Radio Button  <b>Options</b> Indian NRI PIO/OCI Foreign	
22.	Do you need a hostel*	Radio Button  <b>Options</b> Yes No	
23.	Submit	Button	Validate the fields and perform action of successful submission / show an error on incorrect submission of information.

## 2.2. Application Form Flow (User) :

**Step 1** : Candidate Registration - > **Step 2**. Successful Registration -> **Step3**. Send an email to candidates include (Email Draft , Sequence Number / User ID , Password ,LogIn Link, Note / Instructions). - > **Step 4**. Candidates will be able to login to their Account

**Note :** On unsuccessful registration candidates information will be stored in the backend.

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## 2. LoginForm Requirements

3.1. Create a Login Form for the Candidates to fill in the details and to login to their account. The below fields should be included in the Login Form.

Sr.No	Field Name	Field Type	Comments
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1.	User ID / Application Sequence Number*	Text	
2.	Password*	Text (Encrypted)	
3.	Captcha	Text	
4.	Forgot Password	Link	Refer the below table for Forgot Password Form
5.	Submit	Button	Validate the fields and perform action of successful submission / show an error on incorrect submission of information.

### 3.2. LoginForm Flow :

**Step 1.** Candidates to login using the credentials received on email -> **Step 2.a.** On successful Login candidates will be able to access the account and fill the upload document form. -> **Step 2.a.** On unsuccessful login display and error message.

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## 4. Forgot Password Requirements

1. Create a Forgot Password Form. The below fields should be included in the Forgot Password Form.

Sr. No	Field Name	Field Type	Comments
1.	Enter Email ID	Text	
2.	Submit	Button	

### 4.1. Forgot Password Flow (USER) :

**Step 1 :** If the candidate clicks the link of Forgot Password on the login page, open the Forgot password form and ask the candidate to fill the Registered Email ID. -> **Step 2.** After Validating the email ID, prompt the candidate to check email for Updated Password.

#### 4.2. Forgot Password Flow (ADMIN) :

On receiving a request from the Forgot Password, admin has to recreate the password and send the updated password via email to the candidate.

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#### 5. Students Account Page :

On Login by the Candidates the Student Account Page to show the below tabs.

Sr.No	Tabs	Comments	
1.	Personal Details	On this tab all the information given by the candidate at the time of registration will be displayed. Please check Business Rule 1.2 & 1.3	
2.	Academic Details Tab	Please refer Point 6 for more details.	
3.	Payment Process	Please refer Point 7 for more details.	
4.	Download Button	Provision to download the form for the candidates to be provided.	

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#### 6. Academic Details Requirement :

6.1. Create an Upload Document Form Tab where the below form will be open for Candidates to fill the Academic Information.

**Note :** This form will be accessible to the Candidates only after the Candidate successfully login

Sr. No	Field	Field Type	Comments
1.	10th details & 12th Details & Graduation	(Label)	Add this as a labe. Note : Create three

			tabs 10th / 12th & Graduation one below the other and ensure under all of these tabs the below fields are provided to candidates to fill up the details.
2.	Result Status*	Dropdown Options	
3.	School/College Name*	Text	
4.	Board/university Name*	Text	
5.	Exam Seat No*	Text	
6.	Year of passing*	Text	
7.	Result pattern*	Text	
8.	Percentage/CGPA*	Text	This field should be auto filled as this information is already taken at the time of Registration
9.	Upload 10th Marksheet/ Certificate*	Upload Button	Add a note to upload PDF/PNG/ JPG only
10.	Others	Label	Create a Label and add the below field under the others label
11.	Upload Entrance Exam Score Card	Upload Button	
12.	Next	Button	This will take the candidates to the Payment Process Page/Tab

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## 7. Payment Process Requirement :

7.1. Create a page for Payment Process where the below details will be displayed/autofilled.

Sr. No	Field	Comments
1.	Name	Should be Auto filled
2.	Application Fees - Rs. 1800	Should be Auto filled
3.	Payment Status - Unpaid	Should be Auto filled and once the candidate does the Payment the field should be display as Paid
4.	Select Payment Method - Option Billdesk	
5.	Proceed to Payment - Button	On clicking of this button it will redirect the candidate to the Payment Gateway page.

7.2 Additionally, apart from the above fields , A section for Rules & Regulations to be added.

7.3. Also On click of Proceed to Payment button the candidate will be redirected to the payment Gateway Page.

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## 8. Backend/Admin Requirement :

Admin should be able to perform below functionalities in the backend.

1. Recreate a Password in case of Forgot Password.
2. Search By
  - 2.1. From Date - To Date (Calendar)
  - 2.2. Application Sequence Number.
  - 2.3. Payment Status - Paid / Unpaid
  - 2.4. Applicant Name
  - 2.5. Email ID
3. An Open List of All the Candidates should be visible in the Backend.
4. Download Section - Admin should be able to download the Candidate data in Excel / CSV format.

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