SDJ INTERNATIONAL COLLEGE

Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem VI
AY 2020-21

Placement Management System

by

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Project Guide by :
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SDJ INTERNATIONAL COLLEGE

C E R T I F I C A T E

This is to certify that Mr. / Ms. Sagar Rameshbhai Variya, Bhumit Jayantibhai Prajapati examination number 003303, 003255 has satisfactorily completed his/her project work entitled PMS as partial fulfillment of requirements for BCA Sem VI, during the academic year 2020-21.

Date: 17/06/2021

Place: Surat

(Dr. Aditi Bhatt)
I/c Principal
SDJ International College,
Surat.

ACKNOWLEDGEMENT

Successful people are that who receive a great deal from their fell people, usually incomparably more than corresponds to their service to them, the value of people, however, should be seen in what they give, and not in what they are able to receive.

-Albert Einstein

It gives me great pleasure in submitting this project entitled **"PMS**" Developed at **SDJ International College** as a part of the curriculum of BCA (Semester VI).

We would like to take opportunity to thank my college, **S.D.J. International College, Vesu**, Surat for giving me this tremendous opportunity to work in the real-timeproject.

We are thankful to our internal guide**, Prof. Nainesh Gathiywala** and Our HOD **Dr.Vaibhav Desai**, I/c principal **Dr. Aditi Bhatt**, Director **Mr. Dipak Vaidya** has been an exceptional Professor and motivator. His inspirational ideas and advices have kept us going during the training period.

Sagar Rameshbhai Variya

Bhumit Jayantibhai Prajapati

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Introduction

1.1) Project Summary:

- Our website provides multiple Companies.
- Students can view and give the exam & interview in any companies requirement in their criteria, Listed from our website.
- Company can create their requirement on our website. So, student can apply in this requirements.
- Admin is able to manage companies requirement, add admin, add student, add company, deactivated user and other things in website.

1.2 Project Technical Profile:

Project Name	Placement Management System
Project Guide	Prof. Nainesh Gathiyawala
Front End	HTML, CSS, JavaScript, jQuery,Bootstrap, Ajax
Framework	Code igniter 3
Scripting language	PHP 7.3
Back End	MySQL
Operating System	Microsoft Windows 10 Pro (64 Bit)
Tools used for ERD & DFD	Diagrams.net
Technology for Data Access	SQL

2. Scopes and planning

2.1 Requirement Analysis:-

To develop any web application system, it is most important to identify the user requirement in very specific manner. Also to function properly, all interfaces of proposed system with surrounding system must be identified. The correct system is that satisfied all user requirement. Therefore, it is very important to analyse the existing system and to document the software requirement specification for proposed system which in turn provides the base for development of proposed system.

Our project guide conducted a series of lectures to impart us the required knowledge about the system. During the lectures, we also had question and answer session at the end, which helped us to have a clear idea about the Expected system.

Functional requirement (admin)

- Login
- Analytics
- Manage admin Profile
- View All Accounts
- Manage Admin
    - Only main admin can add admin
    - Only main admin Can change status (block or unblock admin)

- Manage Companies
    - View all Companies requirements
    - Edit Companies requirements

- Manage Category
    - Add Admin
    - Add Students
    - Only main admin can add Companies

- Manage User
    - View all users (Students, Companies, Admins)
    - Can change status (block or unblock the user)
    - Can reset Password (Students, Companies, Admins)

- Manage Activation

- Manage Contact us
    - Only main admin can add new Companies
- Change Password

Functional requirement (Company)

- Login
- Analytics
- Manage company Profile
- Manage Dashboard
    - View All companies requirement

- Manage Requirement
    - View all requirement of their own
    - Edit Company requirement
    - Edit/Conduct Exam
    - Exam Result
    - Edit/Conduct Interview
    - Interview Result
    - Add new requirement

- Notification

- Change Password

- Logout

Functional requirement (user)

- Login
- Manage user Profile
- Manage Dashboard
    - View All companies requirement
    - Apply in company requirement
    - Revoke company requirement

- Applied company
    - Revoke company requirement
    - View company requirement details
    - Give exam
    - Give interview

- Notification

- Change Password

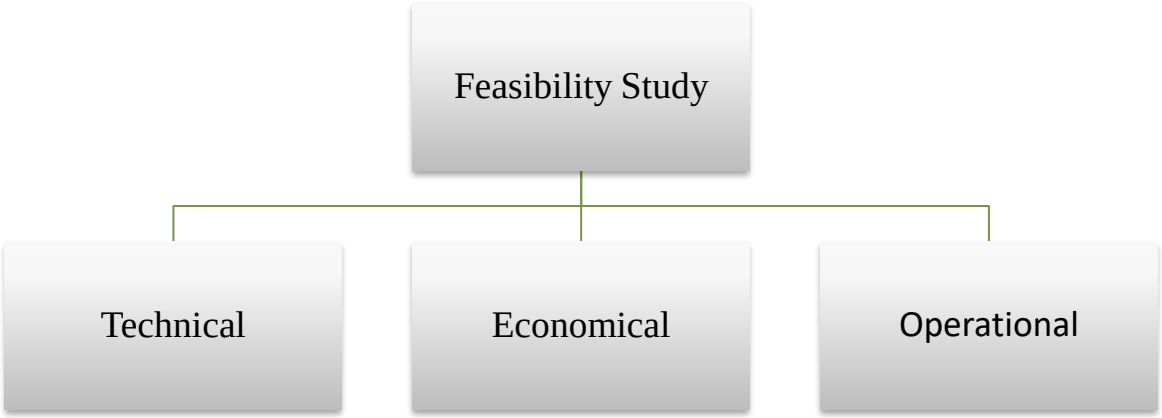
- Logout

Functional requirement (Guest user)

- Registration
- View homepage
- View site details

(2.2) Feasibility Study

This activity is design to help to do initial operational, technical, schedule & economic feasibility evaluation of the project and also practice these three approaches to cost benefit analysis knowledge of cost benefit analysis is critical for a successful analyst and also for anyone who must decide whetheror not to approve a project. It is the measure of how beneficial or practical the development of information system will be to an organization.



Technical feasibility

- It is measure of practicality of a specific technical solution and the availability of technical resources and expertise. All the software needed for developing the project are already available so the system is technically Feasible.
- Technical feasibility centres on the existing manual system of the test management process and to what extent it can support the system.
- According to feasibility analysis procedure the technical feasibility of system is analysed and the technical requirements such as software
  - Facilities, procedure, inputs are identified. It is also one of the importantphases of the system development activities

- The system offers greater levels of user friendliness combined with greater processing speed. Therefore, the cost of maintenance can be reduced.

Economic Feasibility

- It is a measure of the cost effectiveness of a project or solution. It takes and benefits. Thus it is often called Cost
- Cost can be divided into development cost and operating cost. The system is being developed with the tools which are already available so cost of development is zero. Only two persons do the system development so the system is Economically Feasible.
- Economic analysis is most frequently used for evaluation of the Effectiveness of the system. More commonly known as cost/benefit analysis the procedure is to determine the benefit and saving that are expected from a system and compare them with costs, decisions is made to design and implement the system.
- This part of feasibility study gives the top management the economic Justification for the new system. This is an important input to the management the management, because very often the top management does not like to get confounded by the varioustechnicalities that bound to be associated with a project of this kind A simple economic analysis that gives the actual comparison of costs and benefits is much more meaningful in such cases.

Operational Feasibility:-

- The proposed system is online application, which will solve existing system. The users of the system are technically accept any new technology very quickly so the system is Operational Feasible.
- During the study, we found that the management & the system managers were taking personal interest in the system dose many doubts got cleared out.
- Efforts were made to optimize the human effort in the data collection, storage, retrieval, security & presentation. The management was always in touch with the latest development. The proposed system mad best efforts in achieving in mind some infrastructure constraints.

There are 4 key parameters that feasibility depends on:

1. Manpower: We are a team of 2 students. But this is advantage as we are prepared to learn and experiment by ourselves.

2. Budget: We had a minimum spend allowance as our objective was to be hands on and learn to do everything by ourselves.

3. Time: The deadline for this project is defined by the University. We were given three months to build a running model. The time given is more than enough to complete and debug the application along with all the documentation.

4. Resources: We had learn to use resources that were open source so as to maintain our zero budget policy so we used the best that was available. Our two man team needed two laptops, two android phones and various software like 000Webhost control, etc.

2.3 Timeline Chart

Task	April				May				June
	W 1	W 2	W 3	W 4	W 1	W 2	W 3	W 4	W 1
1.Requirement Gathering									
1.1 Learn Codeigniter									
1.2 Requirement Gathering									
1.3 Requirement Analysis									
1.4 SRS									
1.5 Review									
Milestone: Requirement Gathered									
2. Modelling									
2.1 Identifying Project profile									
2.2 Identifying Objectives									
2.3 Scope Definition									
2.4 Review									
Milestone: Modelling Completed									
3. System Design									

3.1 Design System Flow									
3.2 Database Design									
3.3 Admin Side Design									
3.4 Company Side Design									
3.5 Student Side Design									
3.6 Review									
Milestone: Design Complete									
4 Coding									
4.1 Admin Side Coding									
4.2 Company Side Coding									
4.3 Student Side Coding									
Milestone: Coding completed									
5. Testing									
5.1 Unit Testing									
5.1 Navigational Testing									
5.3 Correction									
Milestone: Testing Completed									
6 Documentation									

2.4 Future Development

It is not possible to develop a system that makes all the requirements of the Businesses. Business requirements keep changing as the system is being used. Some of the future enhancement that can be done to this system are as follow:-

- More user-friendly Interface
- More secure.
- Individual department for individual stream.
- Result will be verified by PMS.
- Making job opportunities: hiring more people to the PMS.
- Exam system improvement.
- PMS's own interview meeting system.
- SMS system implementation.
- Company verification system implementation.

2.5 Technology Details

Hardware /Software Configuration:

- **Hardware Specification Processor :** Any Processors

RAM: 4.00 GB

HDD: 500 MB

- **Software Used For Application Implementation :**

Operating System : Windows 10 Pro

Front End: VS Code, HTML, Java script, Bootstrap, CSS, and J-Query, Ajax

Code Behind: Php, Code Igniter

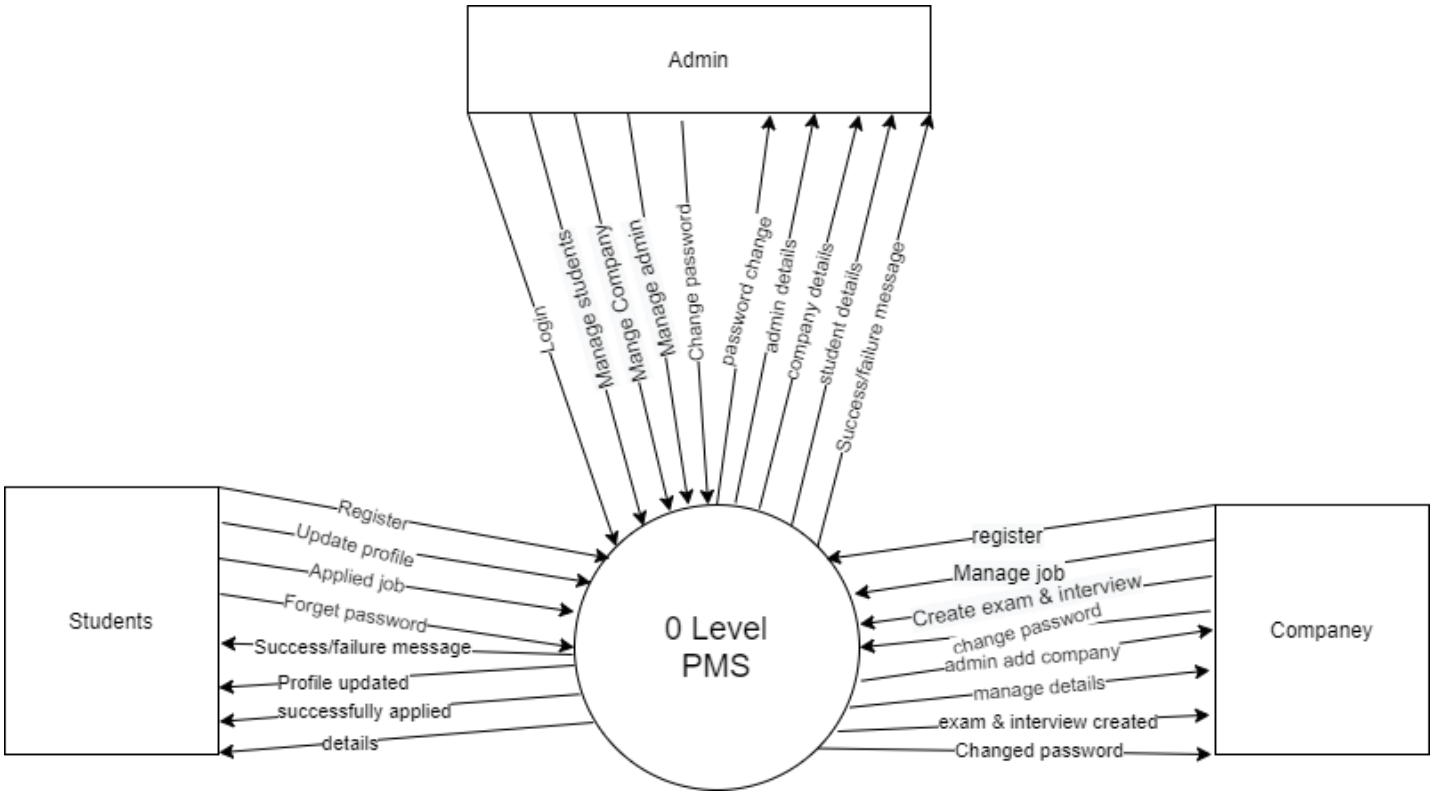
Back End: MYSQL

Browser: All Modern Browsers

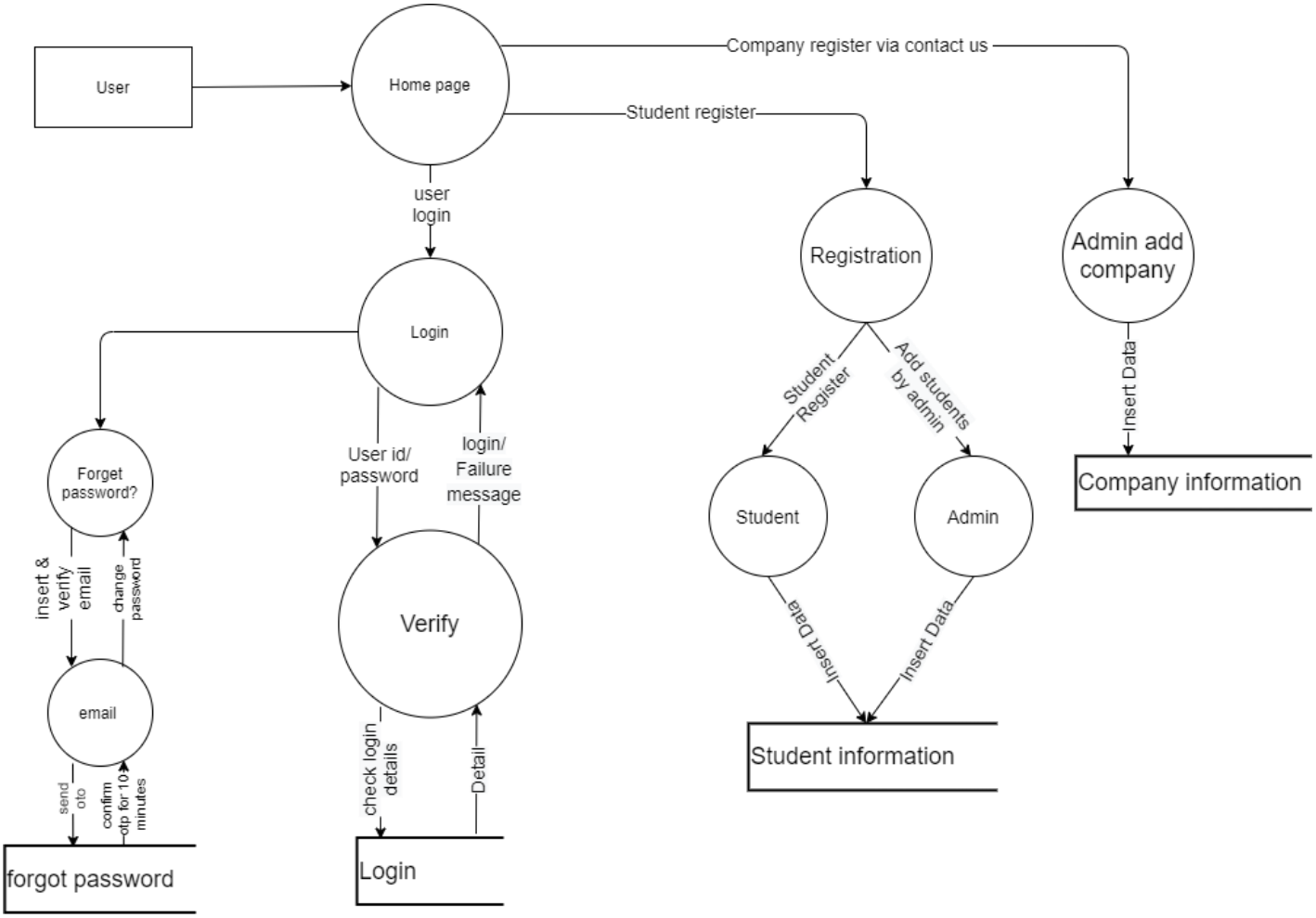
3 Designing

3.1 Data Flow Diagram

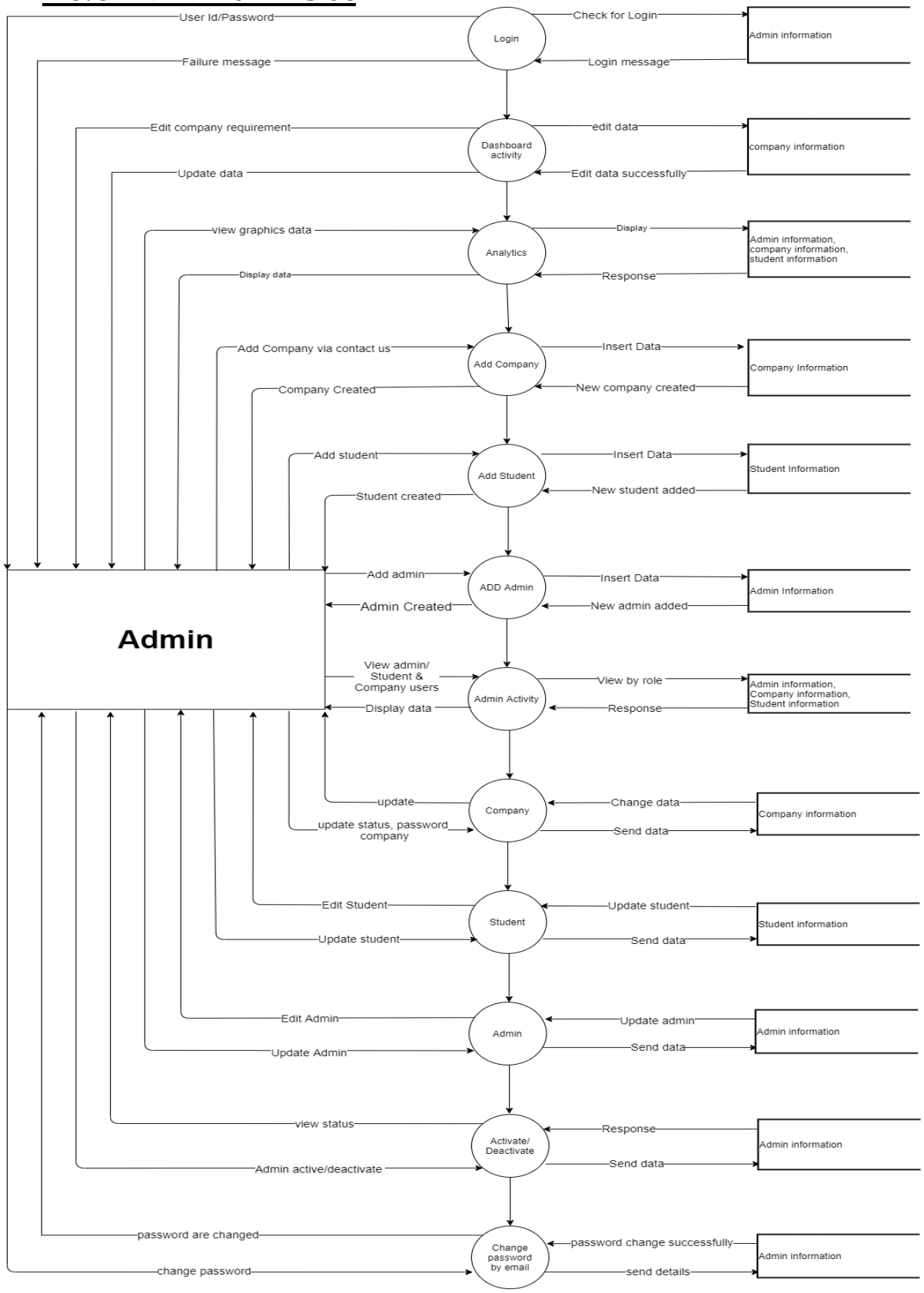
Context level diagram



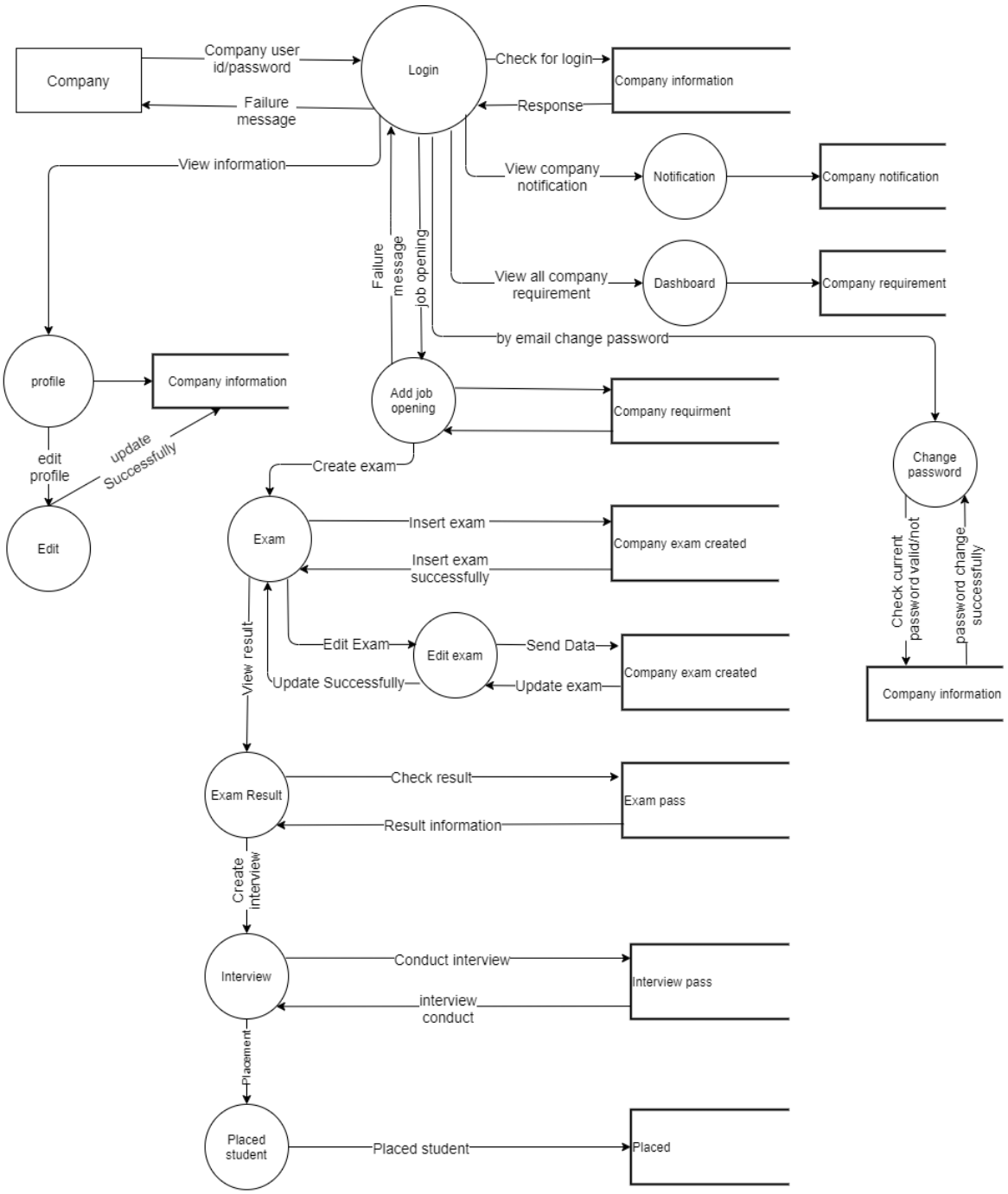
Level 1 DFD


User
Home page
Company register via contact us
Student register
user login
Registration
Admin add company
Login
Student Register
Add students by admin
Insert Data
Company information
Forget password?
User id/ password
login/ Failure message
Student
Admin
insert & verify email
change password
Verify
Insert Data
Insert Data
email
Student information
send oto
confirm otp for 10 minutes
check login details
Detail
forgot password
Login

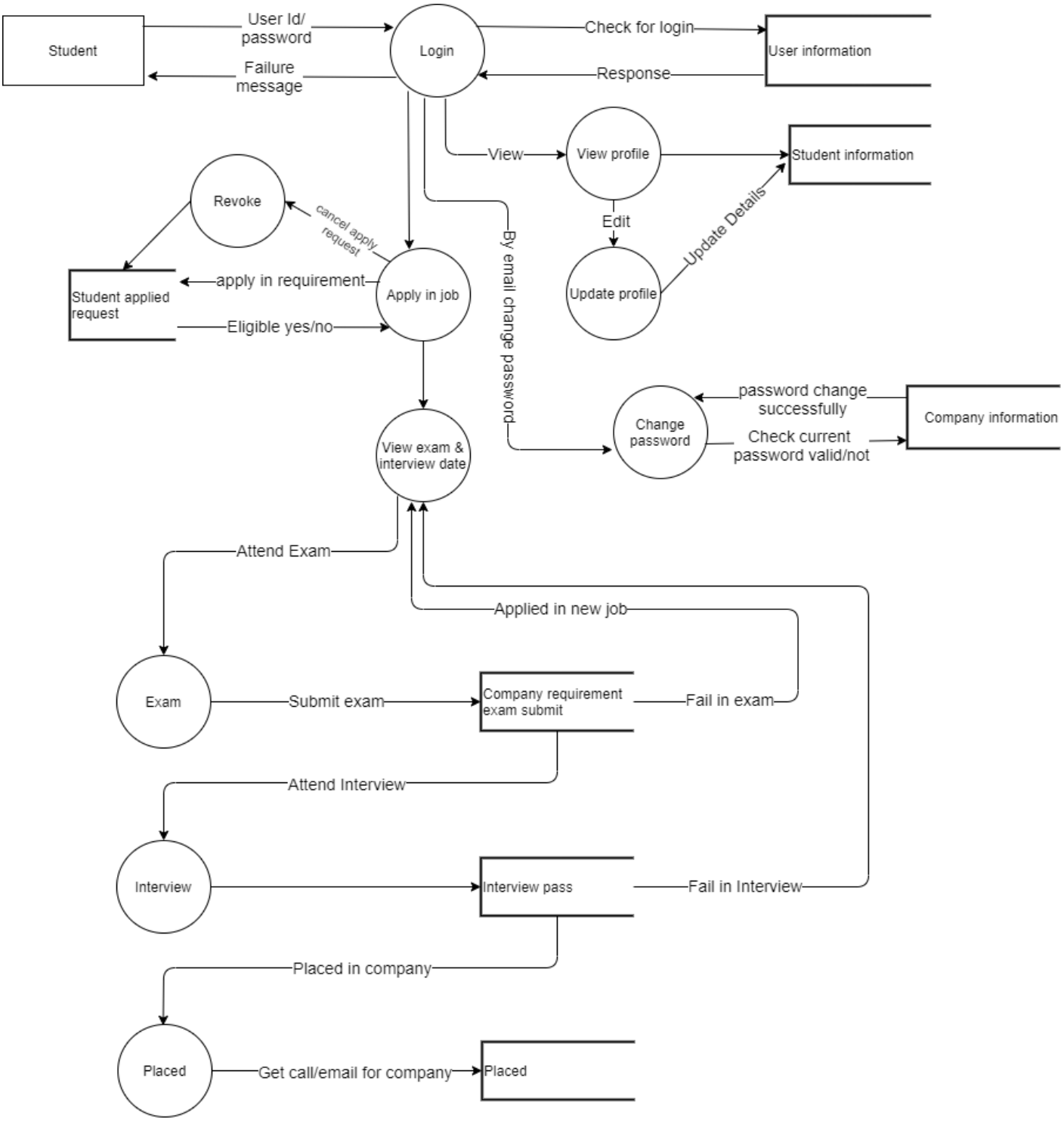
Level 2 DFD Admin Side



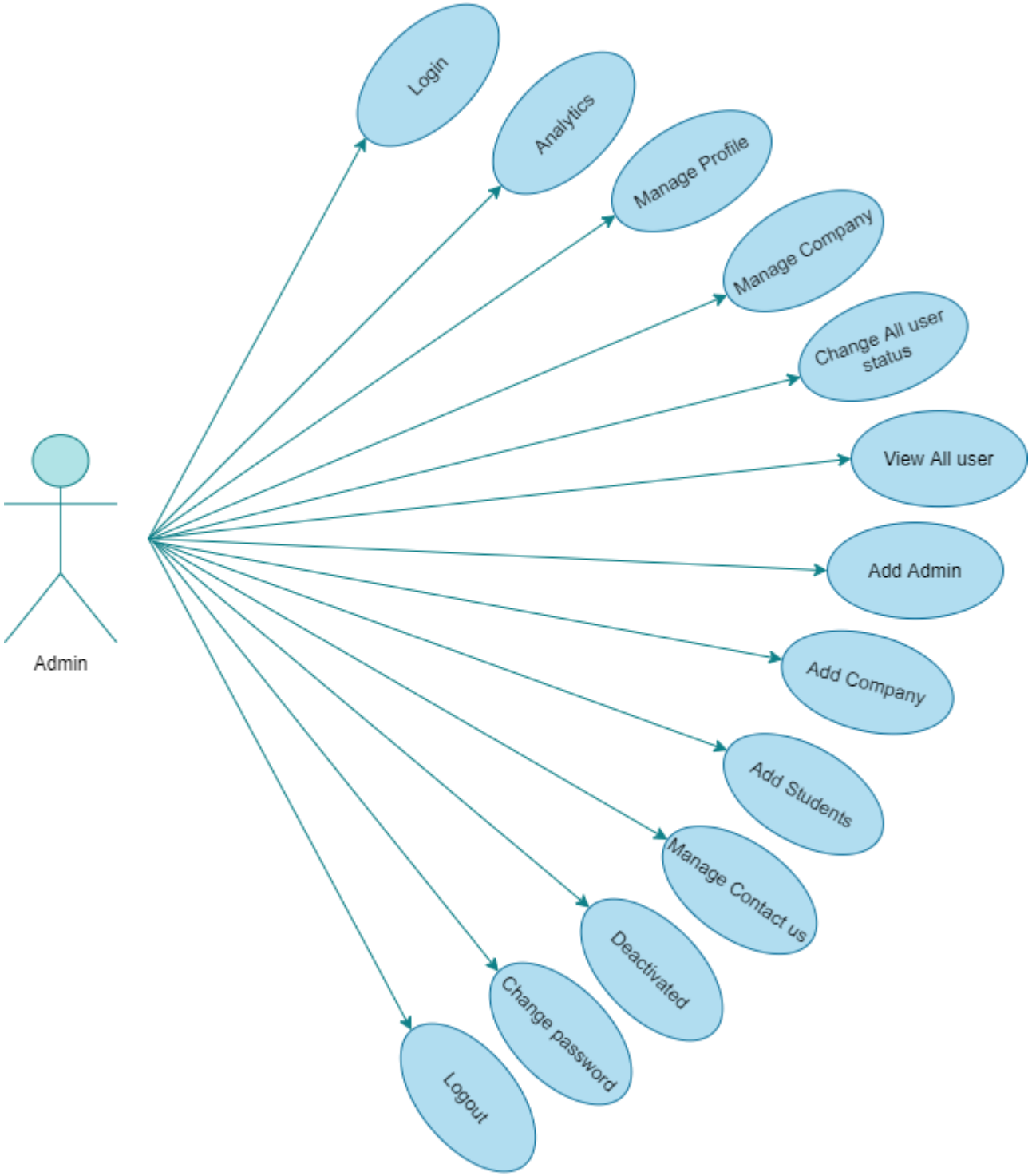
Level 2 DFD Company Side



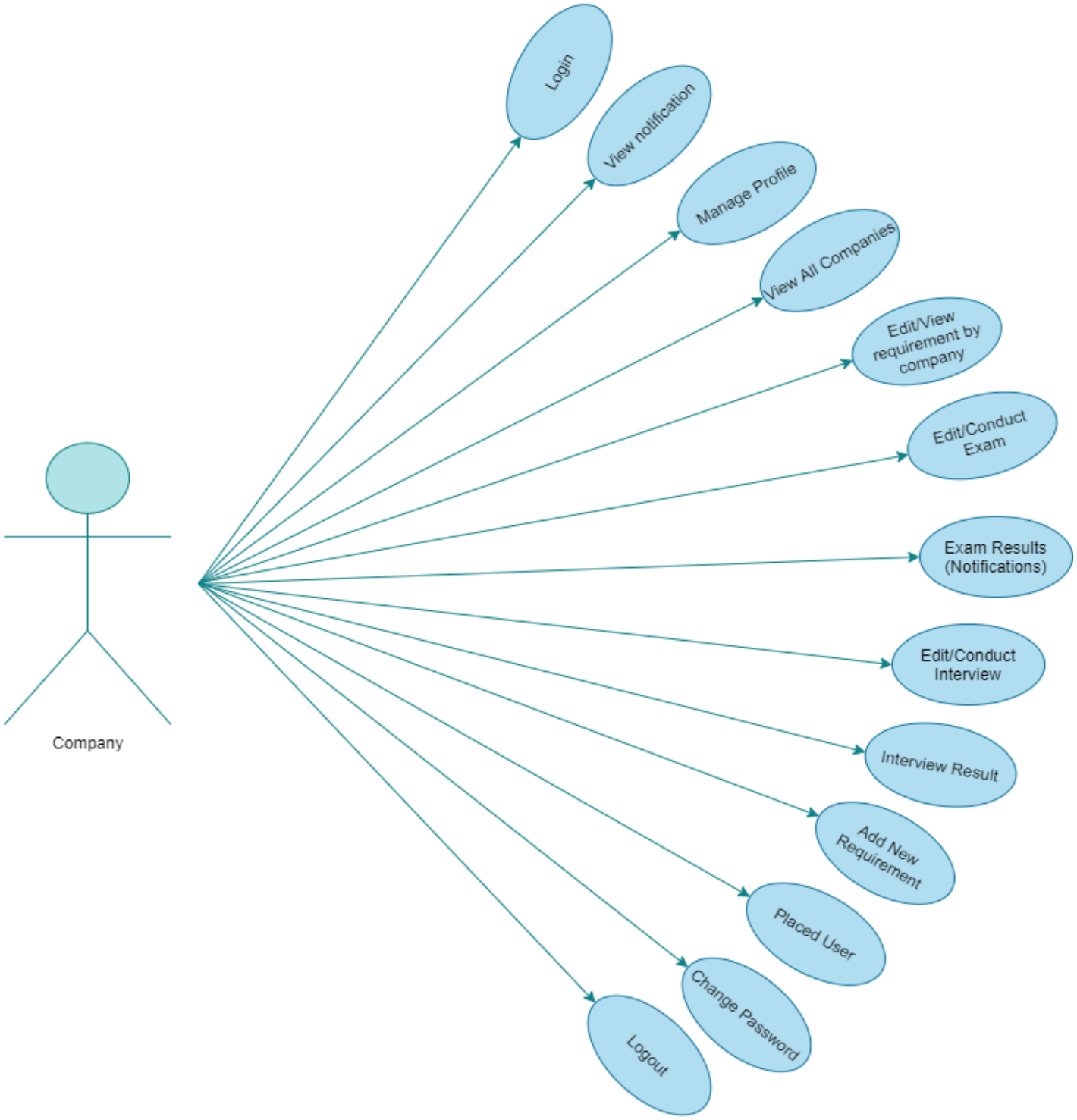
Level 2 DFD Student Side



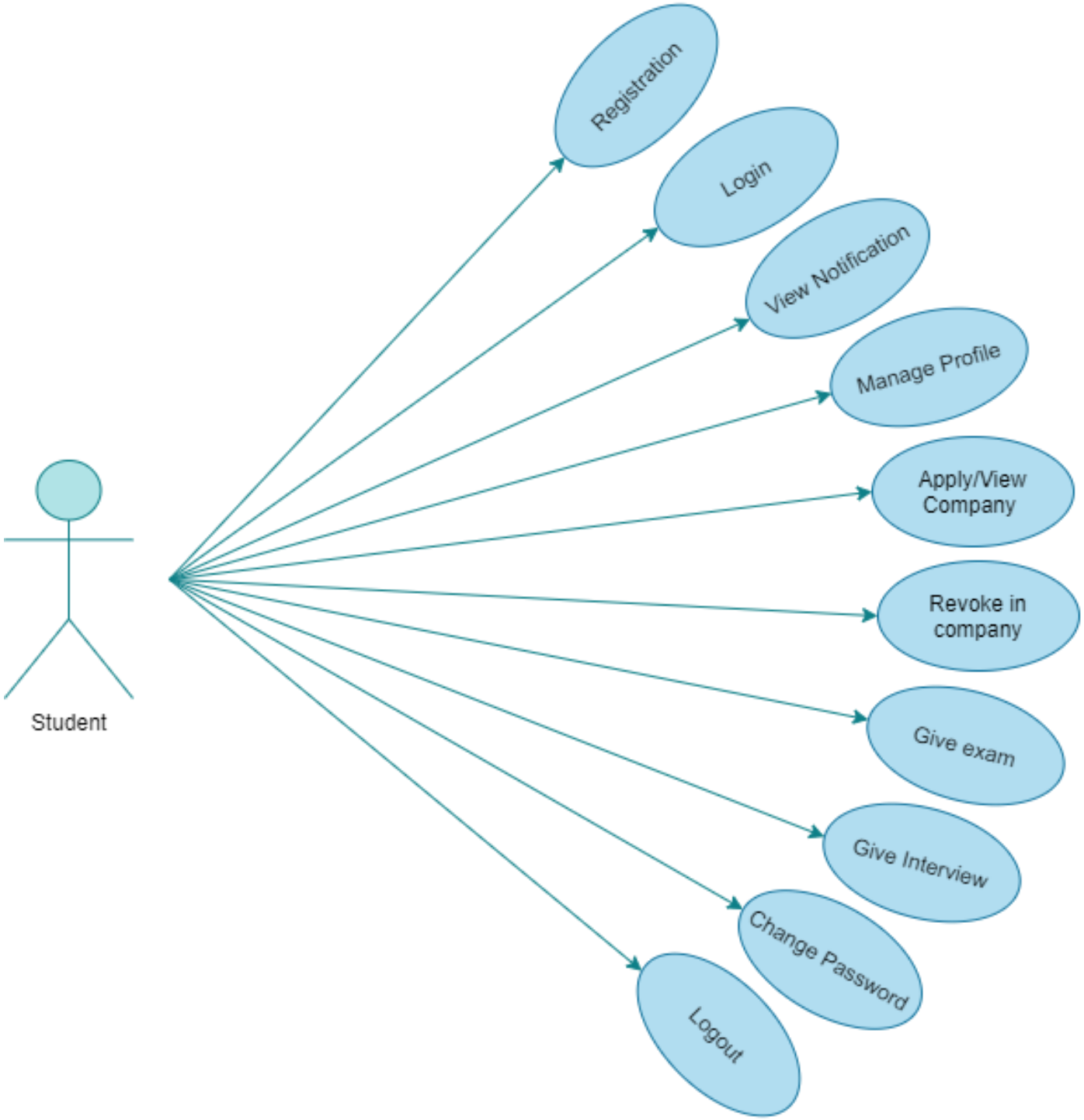
(3.2.1)Use Case Diagram For Admin:-



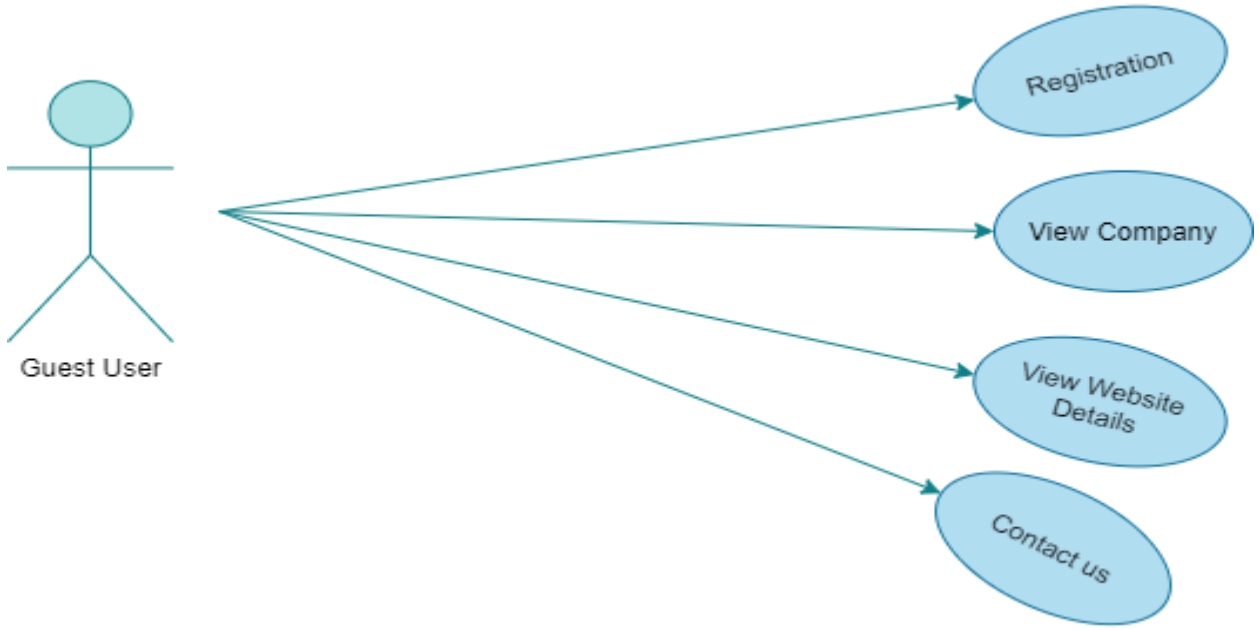
(3.2.2) Use Case Diagram For Company:-



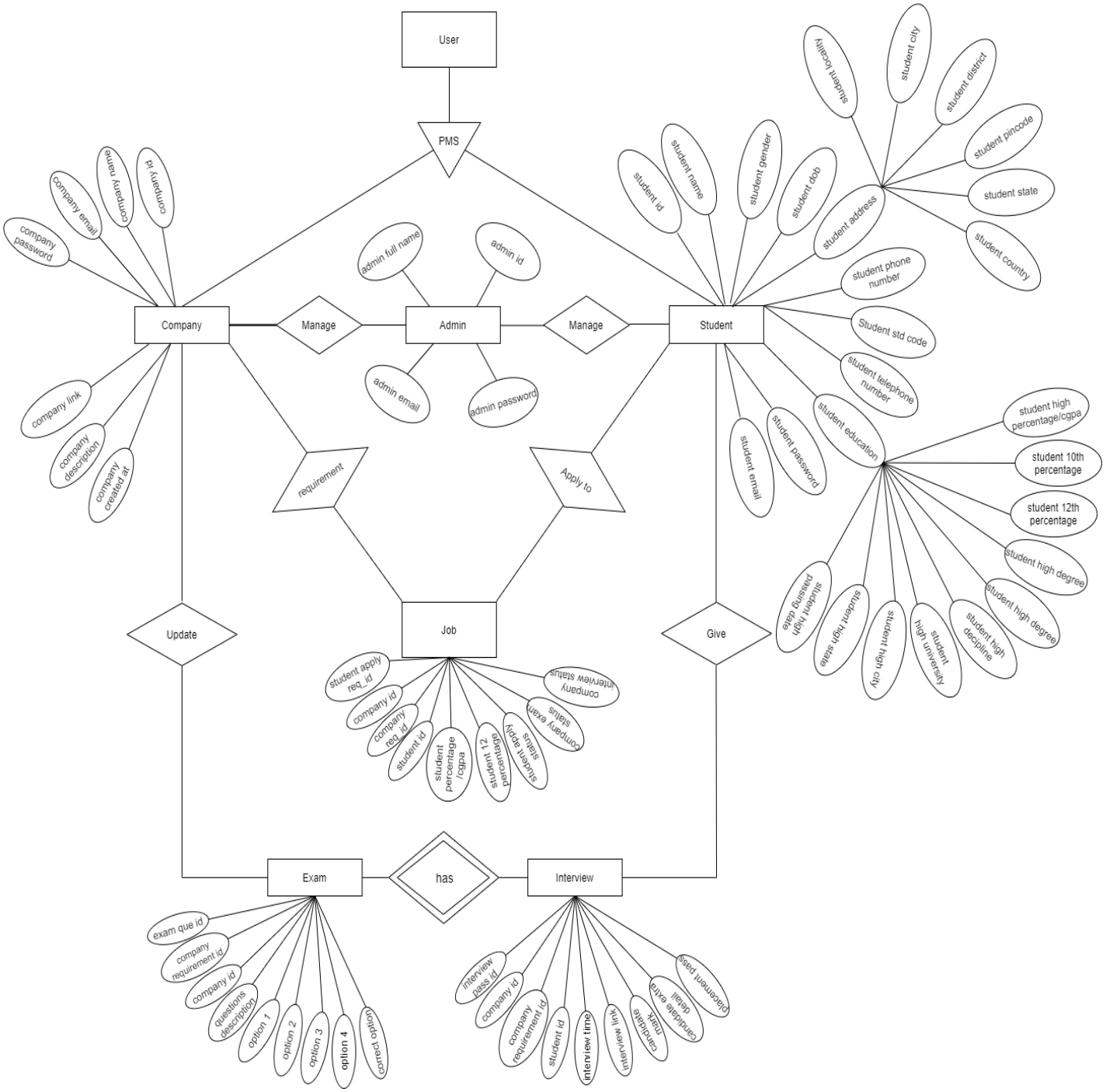
(3.2.3) Use Case Diagram For Student:-



(3.2.4)Use case diagram for guest user:-



(3.3)Entity Relationship Diagram:-



(3.4)Database Design:

1. Admin information:

Sr.no	Field Name	Data Type	Constrain	Description
1	admin_id	int(5)	Primary key	Admin Id.
2	admin_first_name	varchar(20)	-	Admin first name.
3	admin_middle_name	varchar(20)	-	Admin middle name.
4	admin_last_name	varchar(20)	-	Admin last name.
5	admin_power	tinyint(1)	-	Main admin.
6	admin_gender	varchar(10)	-	Admin gender
7	admin_email	varchar(60)	Unique key	Admin email id.
8	Admin_password	varchar(100)	-	Use for admin login.
9	admin_dob	date	-	Admin dob.
10	admin_created_at	datetime	-	Admin created

2.Admin media

Sr.no	Field Name	Data Type	Constrain	Description
1	admin_media_id	Int(5)	Primary key	Admin media id. (auto increment)
2	admin_id	Int(5)	Foreign key	Admin id.
3	admin_profile_pic	Varchar(100)	-	Admin profile picture.
4	admin_profile_pic_thimb	Varchar(100)	-	Admin profile picture thumb.
5	admin_cover_pic	Varchar(100)	-	Admin cover picture.

3. Company information

Sr.no	Field Name	Data Type	Constrain	Description
1	company_id	int(5)	Primary key	Company Id.
2	company_name	varchar(40)	-	Company name.
3	company_email	varchar(60)	Unique key	Company email id.
4	company_password	varchar(100)	-	Use for company login.
5	company_link	varchar(150)	-	View company informations.
6	company_description	varchar(1000)	-	Company description
7	company_created_at	datetime	-	Company created

4. Company Media:

Sr.no	Field Name	Data Type	Constrain	Description
1	company_media_id	int(5)	Primary key	Company media Id.
2	company_id	int(5)	Foreign key	Company id.
3	company_profile_pic	varchar(100)	-	Company profile photo.
4	company_profile_thumb	varchar(100)	-	Company logo.
5	company_cover_pic	varchar(100)	-	Company cover photo.

5. Company Notification:

Sr.no	Field Name	Data Type	Constrain	Description
1	Company_notification_id	int(5)	Primary key	Company notification Id.
2	Company_id	int(5)	Foreign key	Company id.
3	Company_notification_class	varchar(40)	-	Company notification.
4	Company_notification_detail	varchar(500)	-	Company notification details.
5	Company_notification_seen	Tinyint(1)	-	Company notification seen or not.
6	company_notification_created_at	datetime	-	Company notification created at.

6. Company requirements:

Sr.no	Field Name	Data Type	Constrain	Description
1	Company_requirements_id	int(5)	Primary key	Company requirements Id Auto increment.
2	Company_id	int(5)	Foreign key	Company id.
3	Company_name	varchar(40)	-	Company name.
4	Company_requirements_name	varchar(40)	-	Company requirement name.
5	Company_requirements_description	varchar(1000)	-	Company requirements description.
6	company_requirement_post	varchar(50)	-	Company requirement post.
7	company_requirement_vacancy	int(5)	-	Company vacancy.
8	company_requirement_pic	varchar(100)	-	Company requirement image.
9	company_requirement_min_percentage	decimal(5,2)	-	Company requirement minimum percentage.
10	company_requirement_min_cgpa	decimal(4,2)	-	Company requirement minimum cgpa.
11	company_requirement_min_percentage_12th	decimal(5,2)	-	Company requirement minimum percentage in 12th.
12	company_requirement_min_salary	Int(10)	-	Company requirement minimum salary.

13	company_requirement_last_date	date	-	Company requirement last date.
14	company_requirement_status	tinyint(1)	-	Company requirement status.
15	company_requirement_exam_status	tinyint(1)	-	Company requirement exam status.
16	company_requirement_exam_date	datetime	-	Company requirement exam date.
17	company_requirement_exam_date_end	datetime	-	Company requirement exam ending time.
18	company_requirement_exam_time	Time	-	Company requirement exam time.
19	company_requirement_interview_status	tinyint(1)	-	Company requirement interview status.
20	company_requirement_interview_date	datetime	-	Company requirement interview date.
21	company_requirement_interview_date_end	datetime	-	Company requirement interview ending time.
22	company_requirement_created_at	datetime	-	Company requirement created at.

7. Company created exams:

Sr.no	Field Name	Data Type	Constrain	Description
1	exam_question_id	int(5)	Primary key	Exam questions id auto increment.
2	company_requirement_id	int(5)	Foreign key	Exam requirement id.
3	company_id	int(5)	Foreign key	company id
4	question_description	varchar(1000)	-	Create questions.
5	Option 1	varchar(1000)	-	Create option 1.
6	Option 2	varchar(1000)	-	Create option 2.
7	Option 3	varchar(1000)	-	Create option 3.
8	Option 4	varchar(1000)	-	Create option 4.
9	Option_corrected	varchar(100)	-	Options correct/declare answer.
10	exam_question_created_at	datetime	-	Exam questions created at (date & time).

8. Company requirement exam submitted:

Sr.no	Field Name	Data Type	Constrain	Description
1	exam_question_submitted_id	int(5)	Primary key	Exam questions submitted id auto increment.
2	exam_question_id	int(5)	Foreign key	Exam questions id.
3	company_requirement_id	int(5)	Foreign key	Company requirement id.
4	company_id	int(5)	Foreign key	Company id.
5	student_id	int(5)	Foreign key	Student id.
6	Option_submitted	varchar(100)	-	Options submitted.
7	Option_correct	varchar(100)	-	Correct answers.
8	Student_present_at	datetime	-	Student present date & time.
9	exam_questions_submetted_at	datetime	-	Exam questions submitted date & time.

9. Contact us:

Sr.no	Field Name	Data Type	Constrain	Description
1	contact_us_id	int(5)	Primary key	Contact us id.
2	contact_email	varchar(200)	-	Contact email id
3	contact_subject	varchar(100)	-	Subject.
4	contact_message	varchar(1000)	-	Message.
5	contact_created_at	datetime	-	Contact us created date & time.

10. Pass in exam:

Sr.no	Field Name	Data Type	Constrain	Description
1	exam_pass_id	int(5)	Primary key	Pass in exams id auto increment.
2	Company_id	int(5)	Foreign key	Company id.
4	Company_requirement_id	int(5)	Foreign key	Company requirement id.
5	Student_id	int(5)	Foreign key	Student id.
6	Total_correct_ans	int(5)	-	Total correct answer.
7	Pms_interview_call	Tinyint(1)		Pms interview call.
8	Exam_pass_created_at	Datetime		Pass in exam created date & time.

11. Forgot password

Sr.no	Field Name	Data Type	Constrain	Description
1	Forgot_password_id	int(5)	Primary key	Forgot password Id.
2	user_id	int(5)	Foreign key	User id.
3	User_email	varchar(60)	Unique key	User email id.
4	Token	int(6)	-	Otp generate.
5	Token_status	Tinyint(1)	-	Token status
6	Token_submitted_at	datetime	-	Token submitted date & time
7	Created_at	datetime	-	Forgot password created date & time

11.

12. Pass in interview

Sr.no	Field name	Data type	Constrain	Description
1	Interview_pass_id	Int(5)	Primary key	Interview id for passing students auto increment.
2	Company_id	Int(5)	Foreign key	Company id.
3	Company_requirement_id	Int(5)	Foreign key	Company requirement id.
4	Student_id	Int(5)	Foreign key	Student id.
5	Interview_time	Datetime	-	Interview date & time.
6	Interview_link	Varchar(20)	-	Interview link.
7	Candidate_marks	Int(5)	-	Students marks.
8	Candidates_extra_detail	Varchar(1000)	-	Students details in interview time.
9	Placement_pass	Tinyint(1)	-	Students pass/failed in interview.
10	Interview_pass_created_at	datetime	-	Interview pass date and time.

13. Placed:

Sr.no	Field name	Data type	Constrain	Description
1	Placed_id	Int(5)	Primary key	Placed id auto increment.
2	Interview_pass_id	Int(5)	Foreign key	Interview pass id.
3	Company_id	Int(5)	Foreign key	Company id.
4	Company_requirement_id	Int(5)	Foreign key	Company requirement id.
5	Student_id	Int(5)	Foreign key	Student id.
6	Placed_at	Datetime	-	Placed date & time.

14. Student applied request:

Sr.no	Field name	Data type	Constrain	Description
1	Student_applied_req_id	Int(5)	Primary key	Student applied id request in company, auto increment.
2	Company_id	Int(5)	Foreign key	Company id.
3	Company_reqirement_id	Int(5)	Foreign key	Company requirement id.
4	Student_id	Int(5)	Foreign key	Student id.
5	Student_percentage	Decimal(4,2)	-	Student percentage.
6	Student_cgpa	Decimal(3,2)	-	Student cgpa.
7	Student_percentage_12	Decimal(4,2)	-	Students percentage in 12th.
8	Student_applied_req_status	Tinyint(1)	-	Student applied request status.
9	Company_requirement_exam_status	Tinyint(1)	-	Company requirement exam status.
10	Company_requirement_interview _status	Tinyint(1)	-	Company requirement interview status.
11	Student_applied_req_at	datetime	-	Student applied request date & time.

15. Student information:

Sr.no	Field name	Data type	Constrain	Description
1	student_id	int(5)	Primary key	Student id, Auto increment.
2	student_first_name	varchar(20)	-	Student first name
3	student_middle_name	varchar(20)	-	Student middle name.
4	student_last_name	varchar(20)	-	Student last name.
5	student_gender	varchar(10)	-	Student gender.
6	student_dob	date	-	Student date of birth.
7	student_address	varchar(100)	-	Student address.
8	student_locality	varchar(20)	-	Student locality.
9	student_city	varchar(20)	-	Student city.
10	student_district	varchar(20)	-	Student district.
11	student_pincode	int(6)	-	Student pin code number.
12	student_state	varchar(20)	-	Student state.
13	student_country	varchar(20)	-	Student country.
14	student_phone_number	bigint(10)	-	Student phone number.
15	student_std_code	int(3)	-	Student std code.

16	student_telephone_number	int(8)	-	Student telephone number.
17	student_email	varchar(60)	Unique key	Student email address.
18	student_password	varchar(100)	-	Student password.
19	student_percentage_10th	decimal(4,2)	-	Student percentage in 10th
20	student_percentage_12th	decimal(4,2)	-	Student percentage in 12th
21	student_high_degree	varchar(20)	-	Student high degree.
22	student_high_discipline	varchar(20)	-	Student high discipline.
23	student_high_university	varchar(50)	-	Currently study in.
24	student_high_city	varchar(20)	-	Currently lived in city.
25	student_high_state	varchar(20)	-	Currently live in state.
26	student_high_passing	date	-	Recently pass in degree.
27	student_high_percentage	decimal(4,2)	-	Percentage in recent degree.
28	student_high_cgpa	decimal(3,2)	-	Cgpa in recent degree.
29	student_created_at	datetime	-	Student created date & time.

16. Student media:

Sr.no	Field name	Data type	Constrain	Description
1	student_media_id	int(5)	Primary key	Student media id auto increment.
2	student_id	int(5)	Foreign key	Student id.
3	student_profile_pic	varchar(150)	-	Student profile picture.
4	student_profile_pic_thumb	varchar(150)	-	Student thumbnail image
5	student_cover_pic	varchar(150)	-	Student cover pic.

17. Student notification:

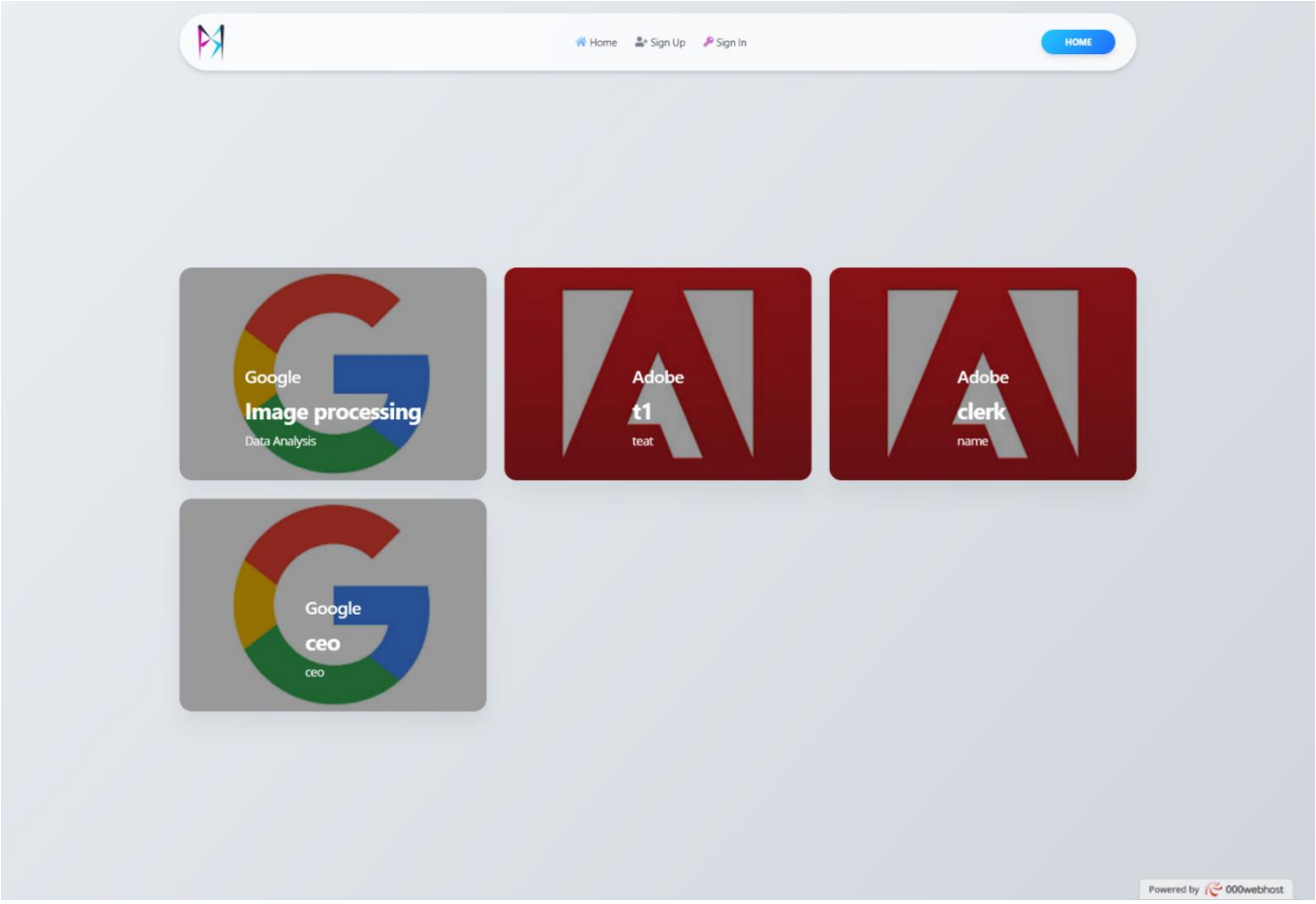
Sr.no	Field name	Data type	Constrain	Description
1	student_notification_id	int(5)	Primary key	Student notification id auto increment.
2	student_id	int(5)	Foreign key	Student id.
3	student_notification_class	varchar(40)	-	Student notification class.
4	student_notification_detail	varchar(500)	-	Notification details.
5	student_notification_seen	tinyint(1)	-	Notification are seen or not.
6	student_notification_created_at	datetime	-	Notification created date & time.

18. Users in pms:

Sr.o	Field name	Data type	Constrain	Description
1	user_id	int(5)	Primary key	User id.
2	admin_id	int(5)	Foreign key	Admin id.
3	company_id	int(5)	Foreign key	Company id.
4	student_id	int(5)	Foreign key	Student id.
5	user_email	varchar(60)	Unique key	User email address.
6	user_password	varchar(100)	-	User password.
7	user_role	varchar(10)	-	User role.
8	user_status	tinyint(1)	-	User status.
9	user_created_at	datetime	-	User created at date & time.

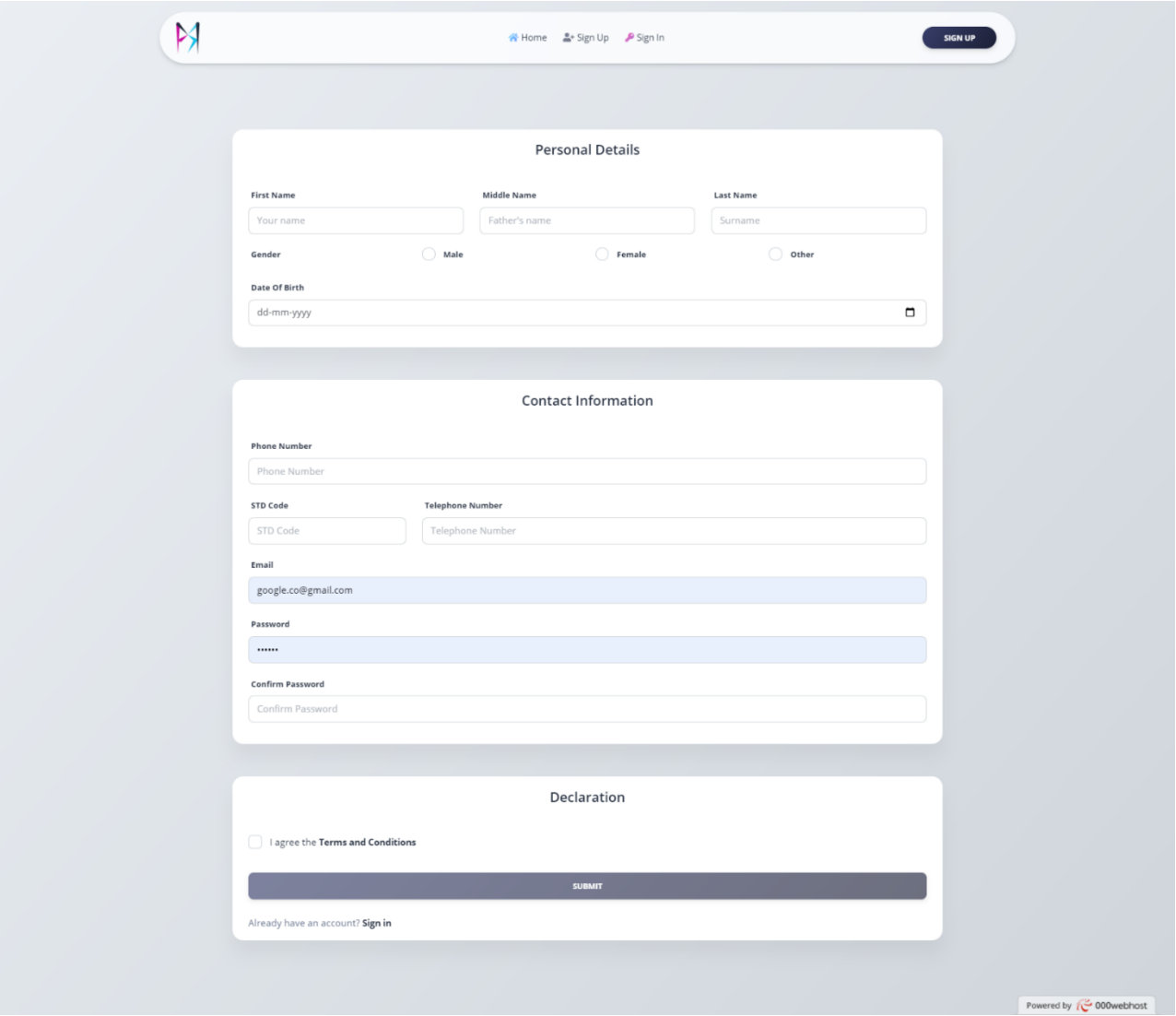
(3.5) User Interface

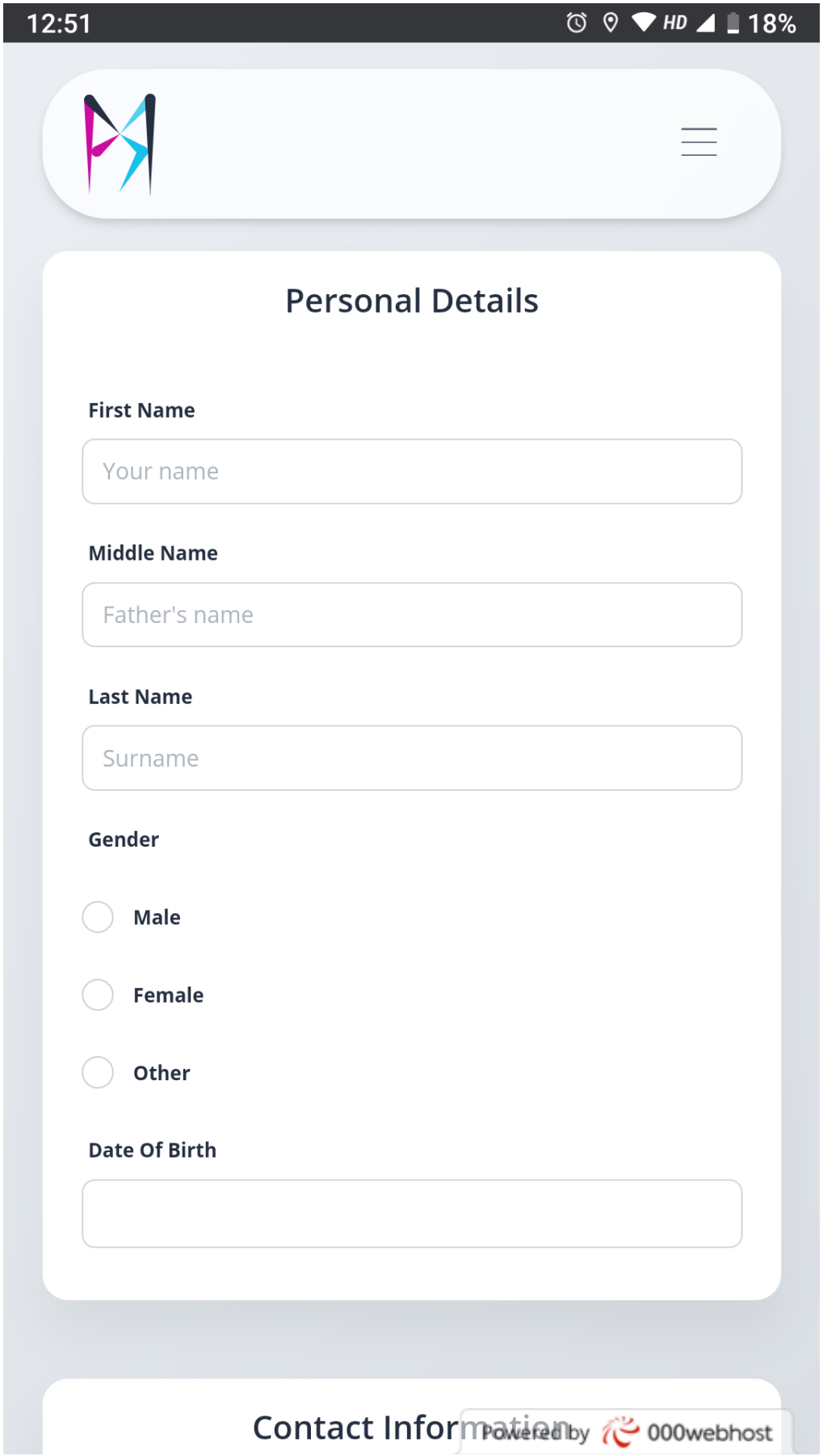
1.Home page



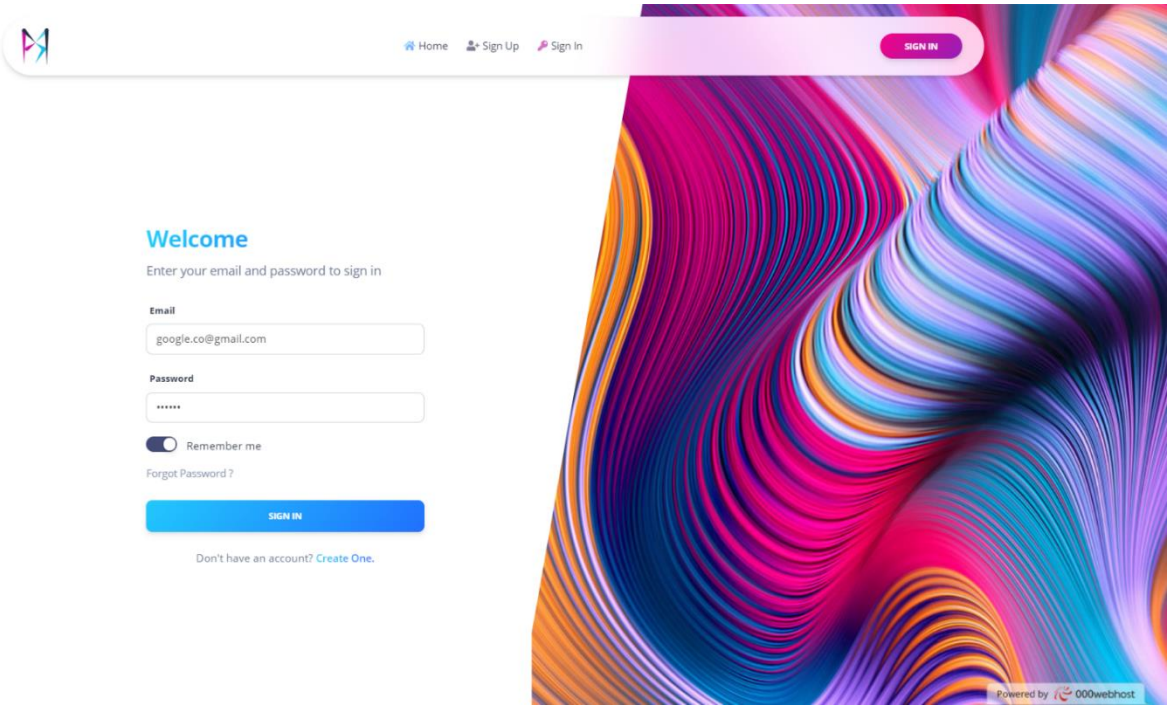
12:50
HD
18%
Google
Image processing
Data Analysis
Adobe
t1
teat
Powered by
000webhost

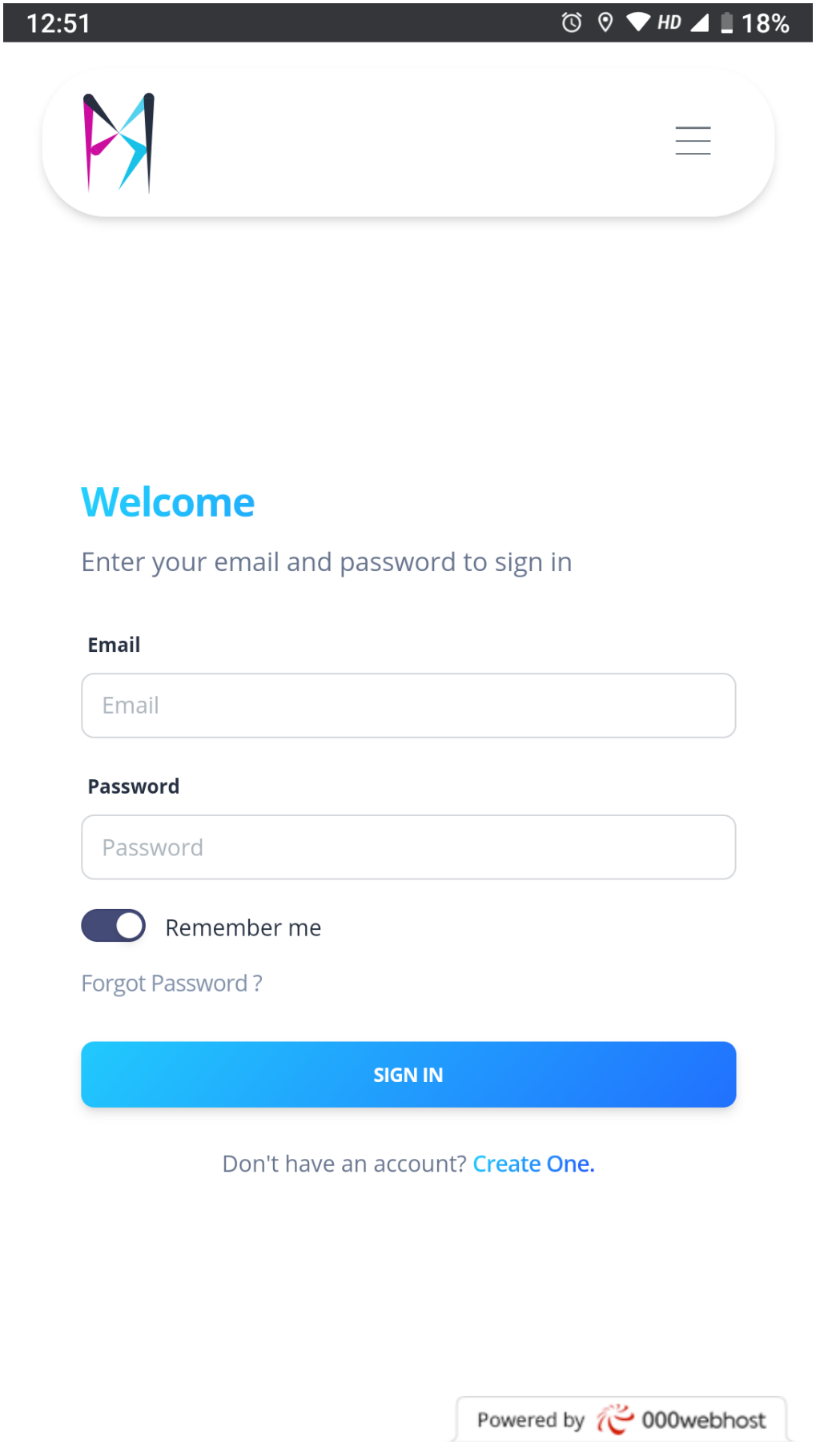
2. Sign up page



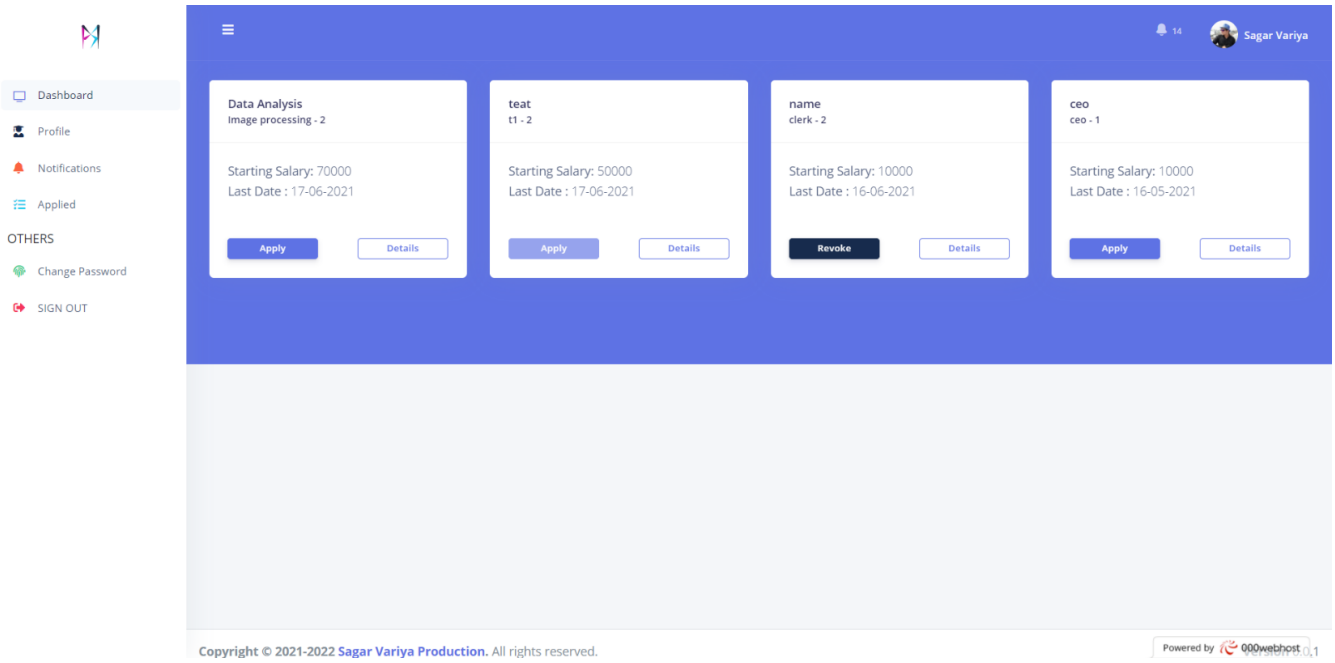

12:51
HD
18%
Personal Details
First Name
Your name
Middle Name
Father's name
Last Name
Surname
Gender
Male
Female
Other
Date Of Birth
Contact Information
Powered by 000webhost

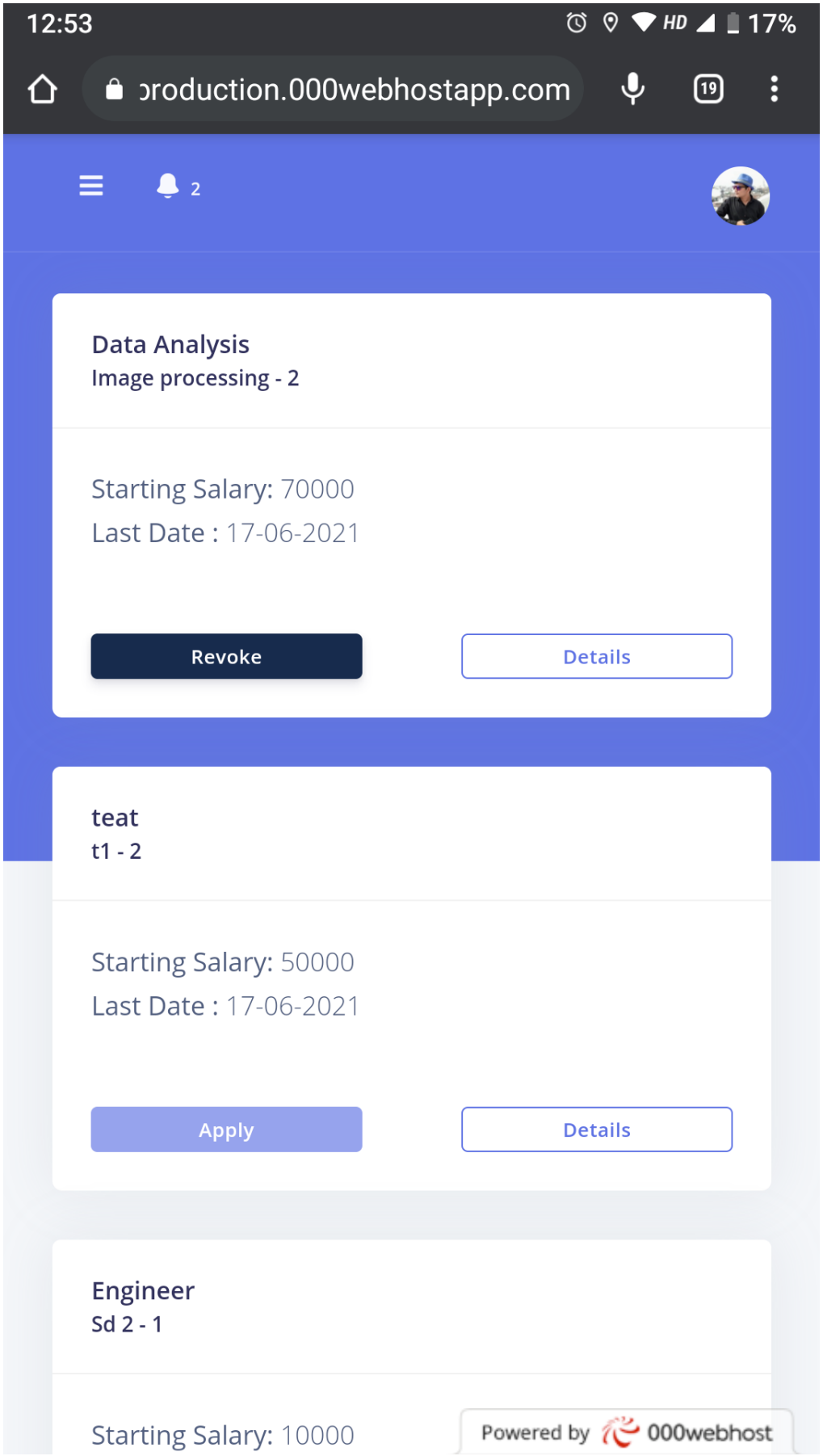
3. Sign in page



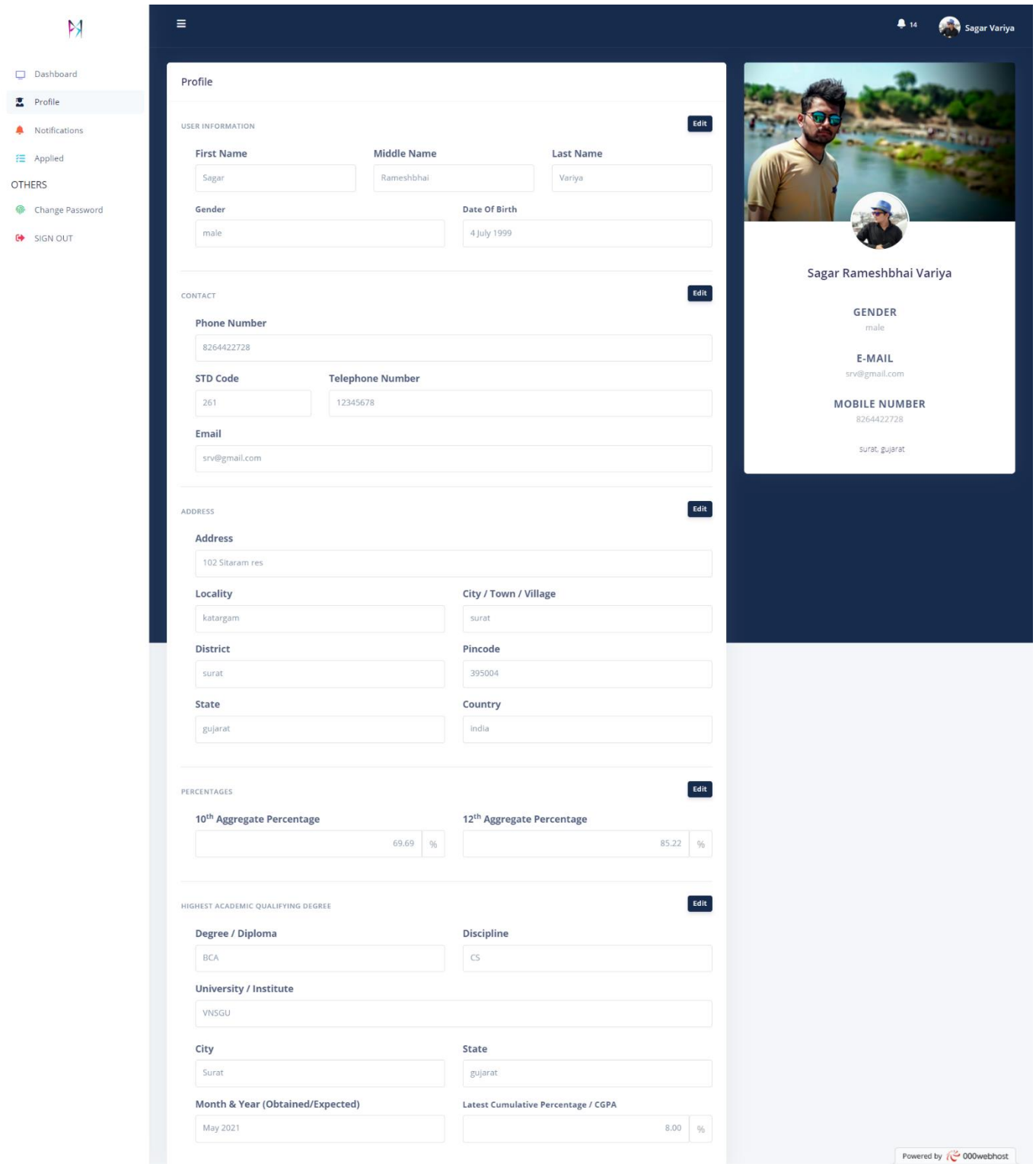

12:51
HD
18%
Welcome
Enter your email and password to sign in
Email
Email
Password
Password
Remember me
Forgot Password ?
SIGN IN
Don't have an account? Create One.
Powered by 000webhost

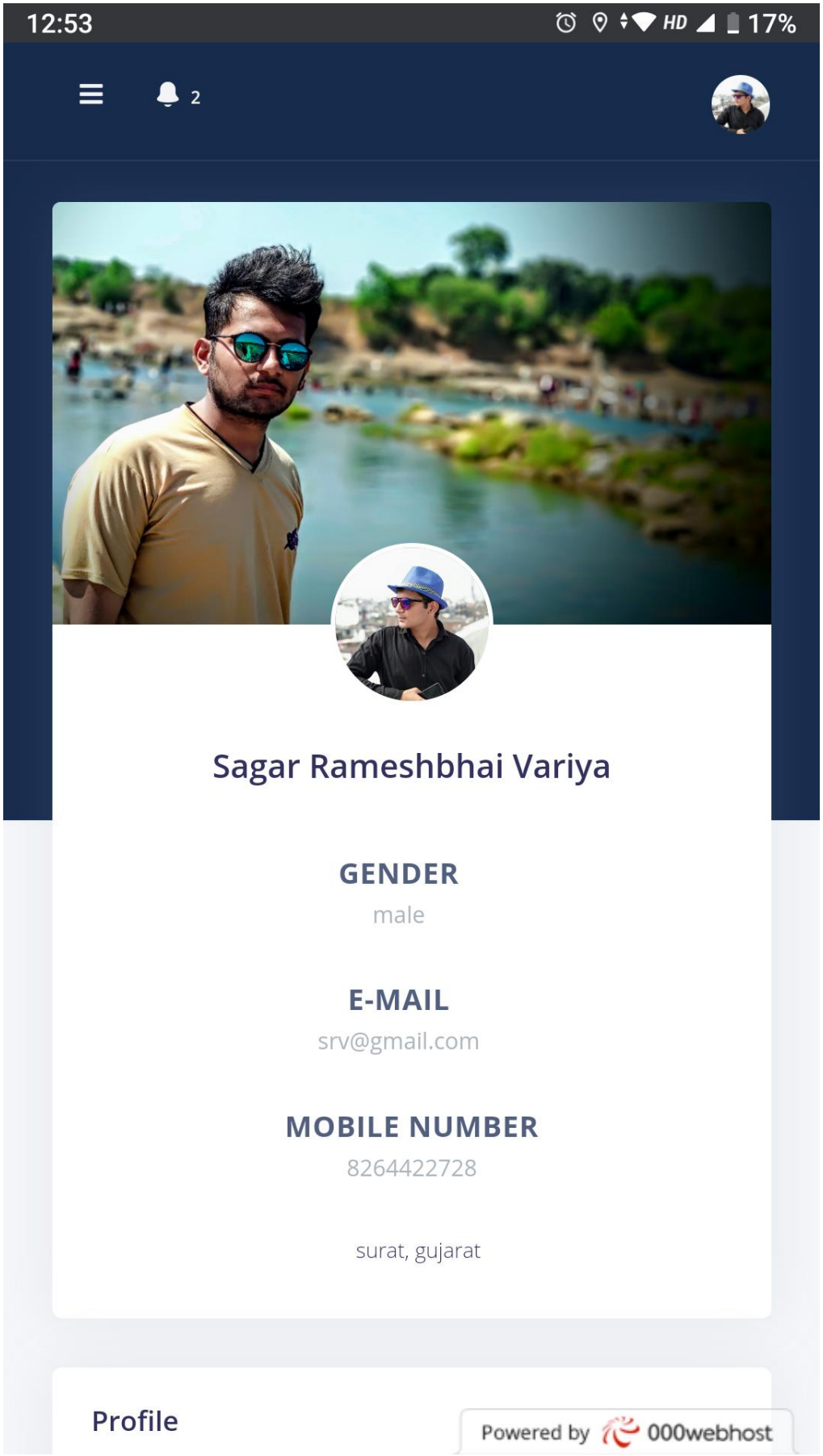
4. Student Dashboard



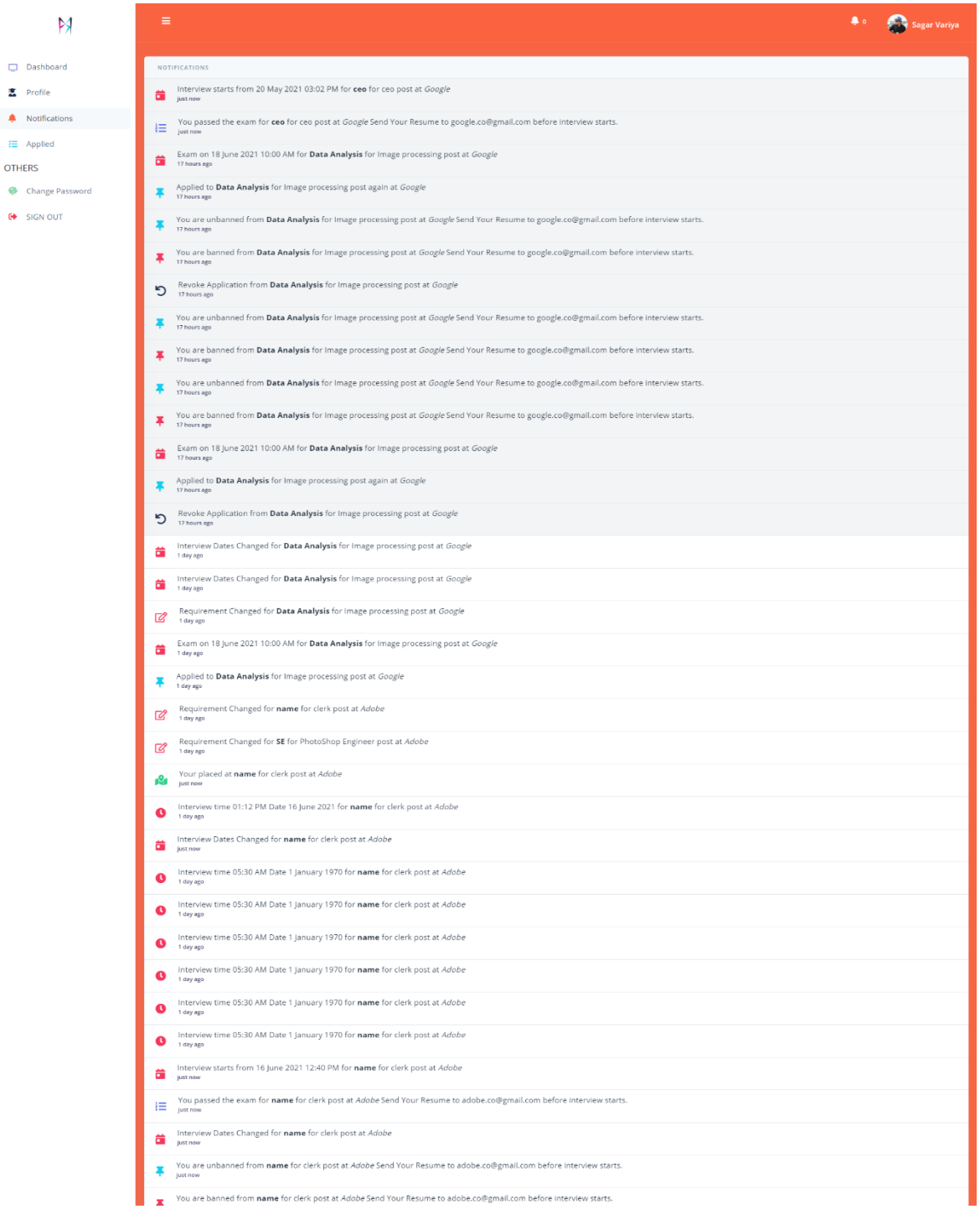

12:53
17%
production.000webhostapp.com
2
Data Analysis
Image processing - 2
Starting Salary: 70000
Last Date : 17-06-2021
Revoke
Details
teat
t1 - 2
Starting Salary: 50000
Last Date : 17-06-2021
Apply
Details
Engineer
Sd 2 - 1
Starting Salary: 10000
Powered by 000webhost

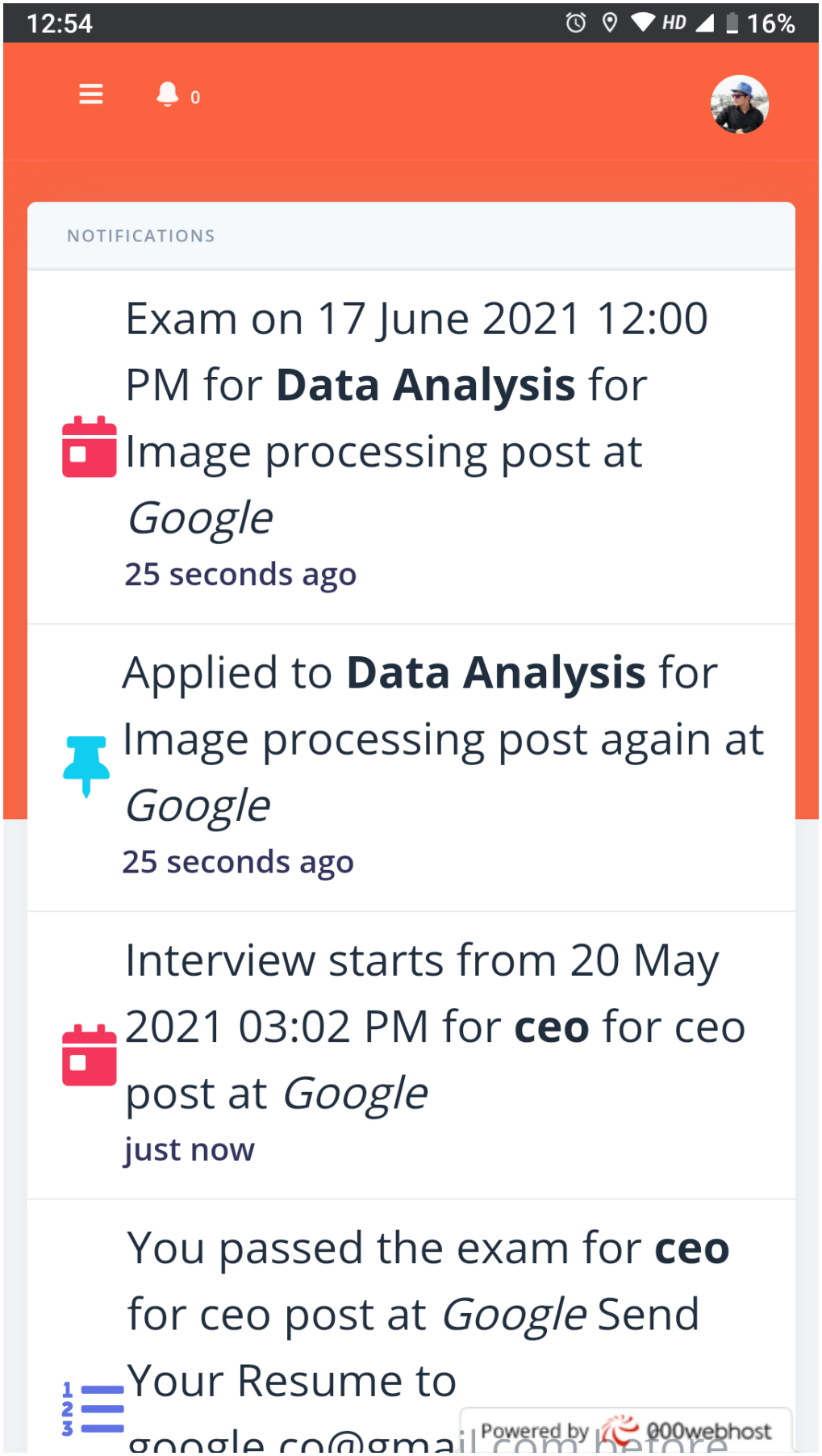
5. Student profile



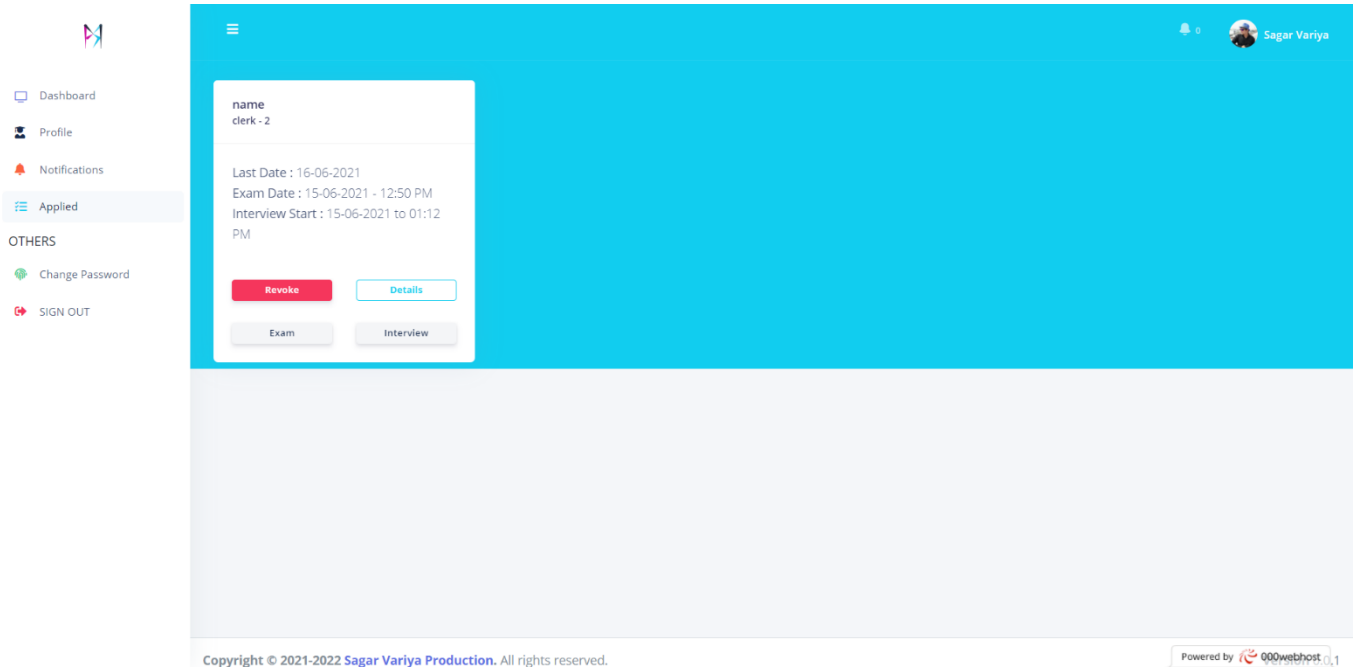

12:53
HD
17%
2
Sagar Rameshbhai Variya
GENDER
male
E-MAIL
srv@gmail.com
MOBILE NUMBER
8264422728
surat, gujarat
Profile
Powered by 000webhost

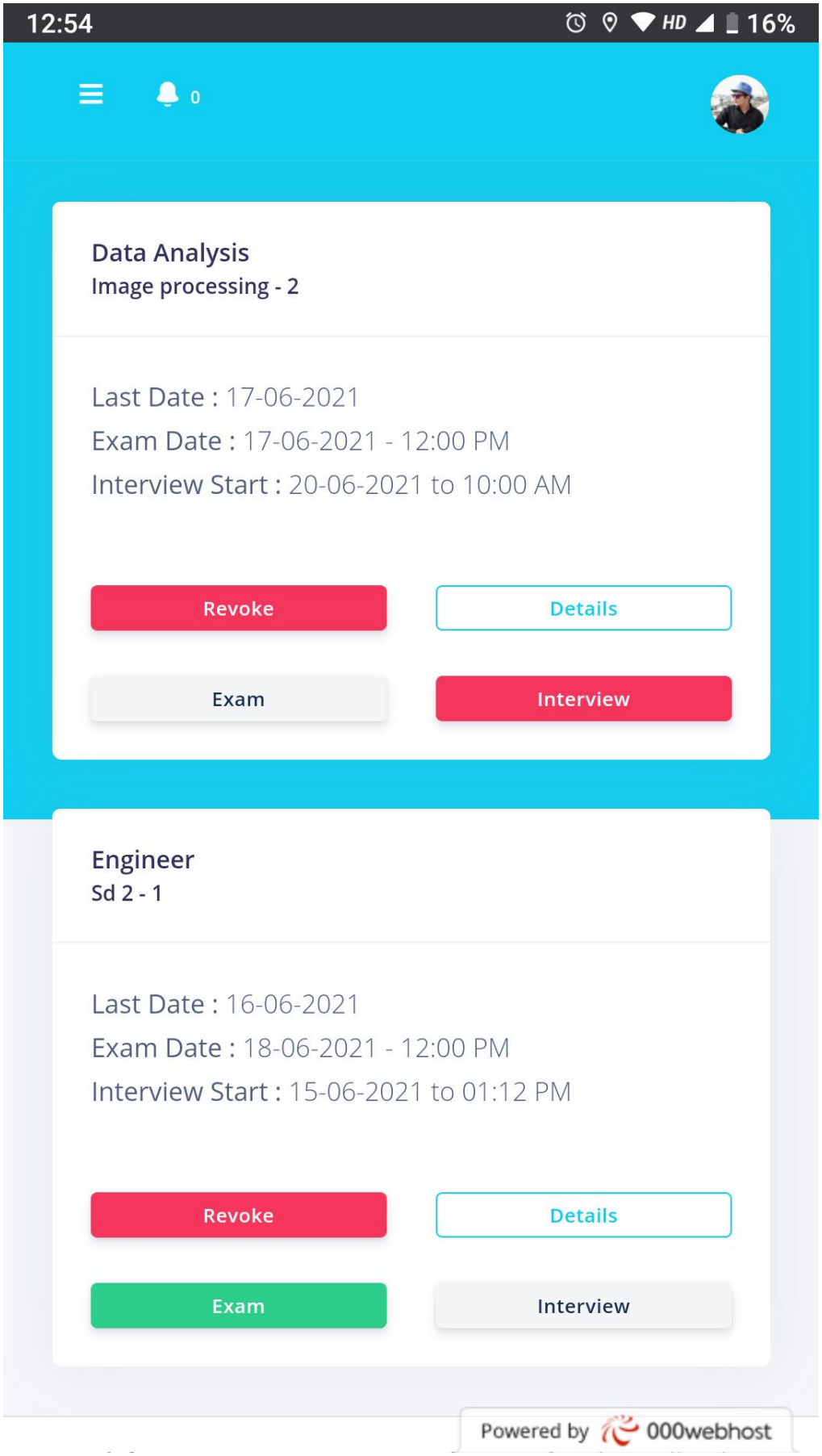
6. Student notifications



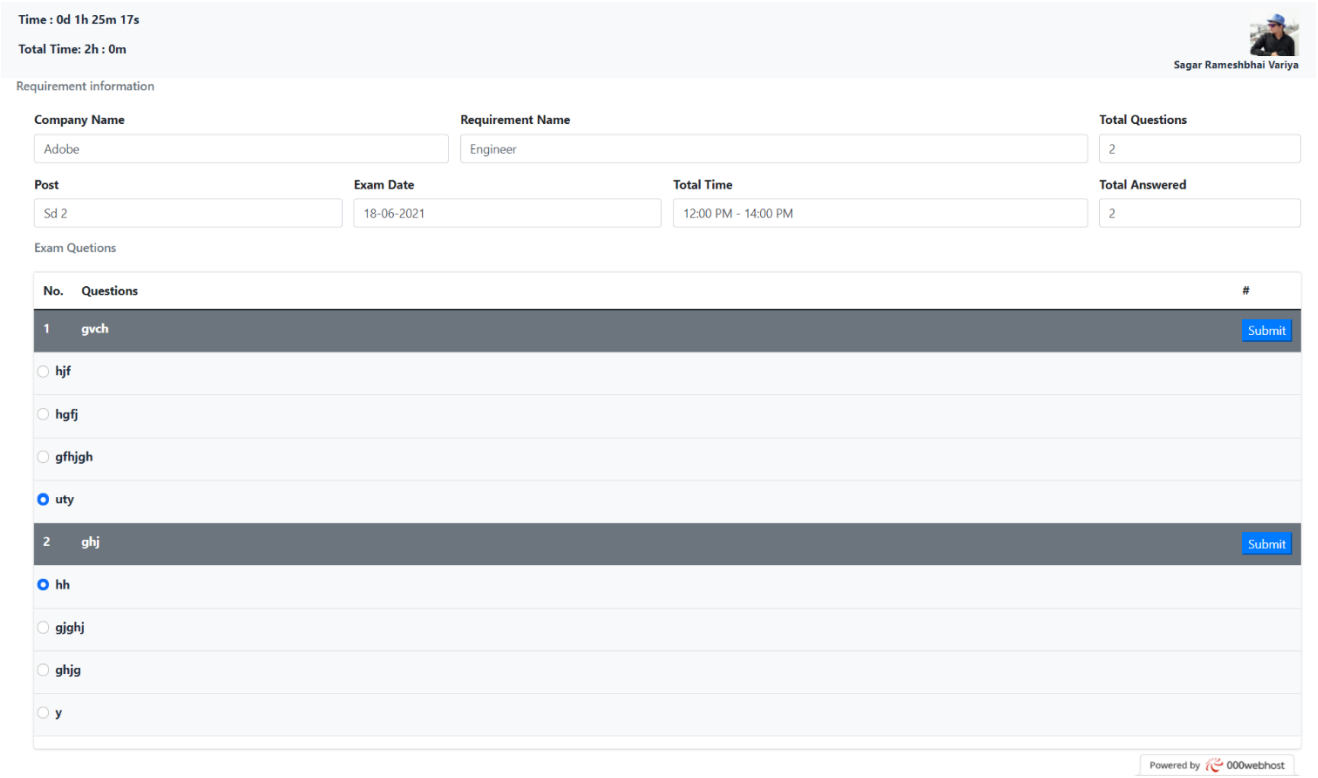

12:54
HD
16%
0
NOTIFICATIONS
Exam on 17 June 2021 12:00 PM for **Data Analysis** for Image processing post at *Google*
25 seconds ago
Applied to **Data Analysis** for Image processing post again at *Google*
25 seconds ago
Interview starts from 20 May 2021 03:02 PM for **ceo** for ceo post at *Google*
just now
You passed the exam for **ceo** for ceo post at *Google* Send Your Resume to google.co@gmail.com before
Powered by 000webhost

7. Student Applied




12:54
HD
16%
0
Data Analysis
Image processing - 2
Last Date : 17-06-2021
Exam Date : 17-06-2021 - 12:00 PM
Interview Start : 20-06-2021 to 10:00 AM
Revoke
Details
Exam
Interview
Engineer
Sd 2 - 1
Last Date : 16-06-2021
Exam Date : 18-06-2021 - 12:00 PM
Interview Start : 15-06-2021 to 01:12 PM
Revoke
Details
Exam
Interview
Powered by 000webhost

8. Student exams



1:03 HD 14%

Time : 0d 0h 56m 51s

Total Time: 2h : 0m

18-06-2021

Total Time

12:00 PM - 14:00 PM

Total Answered

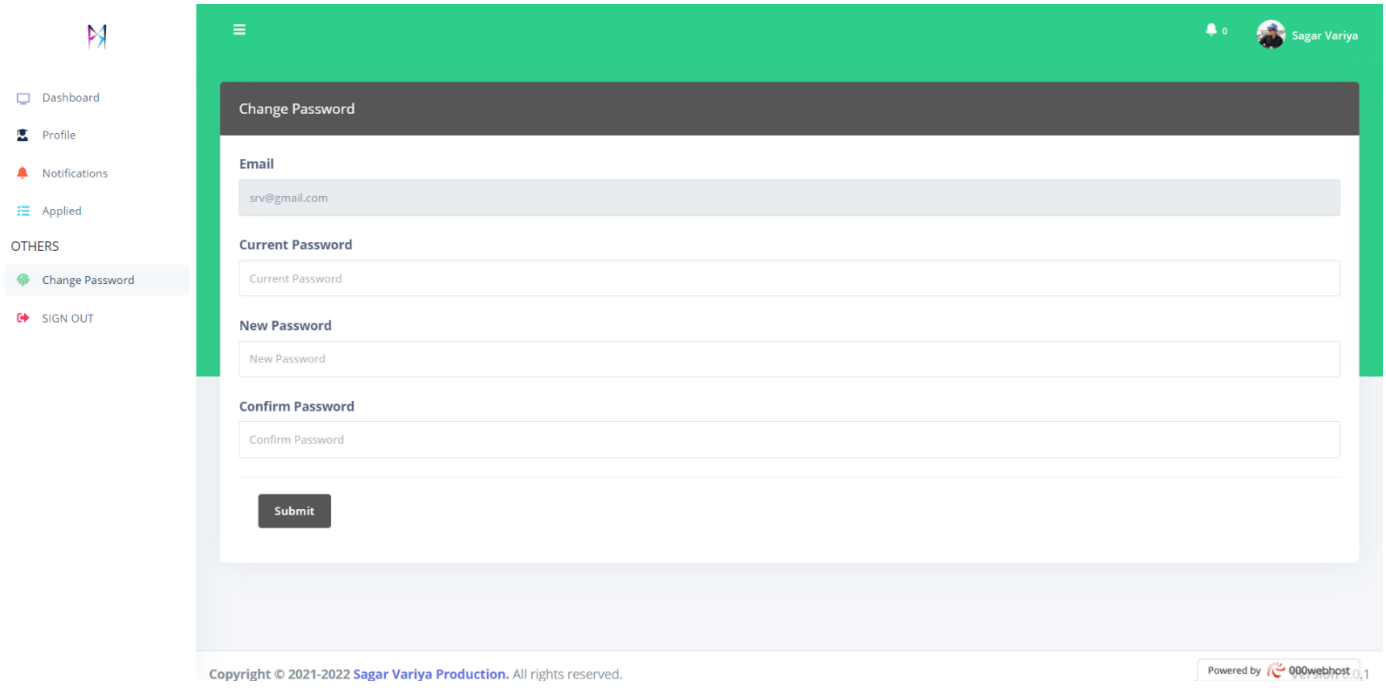
2

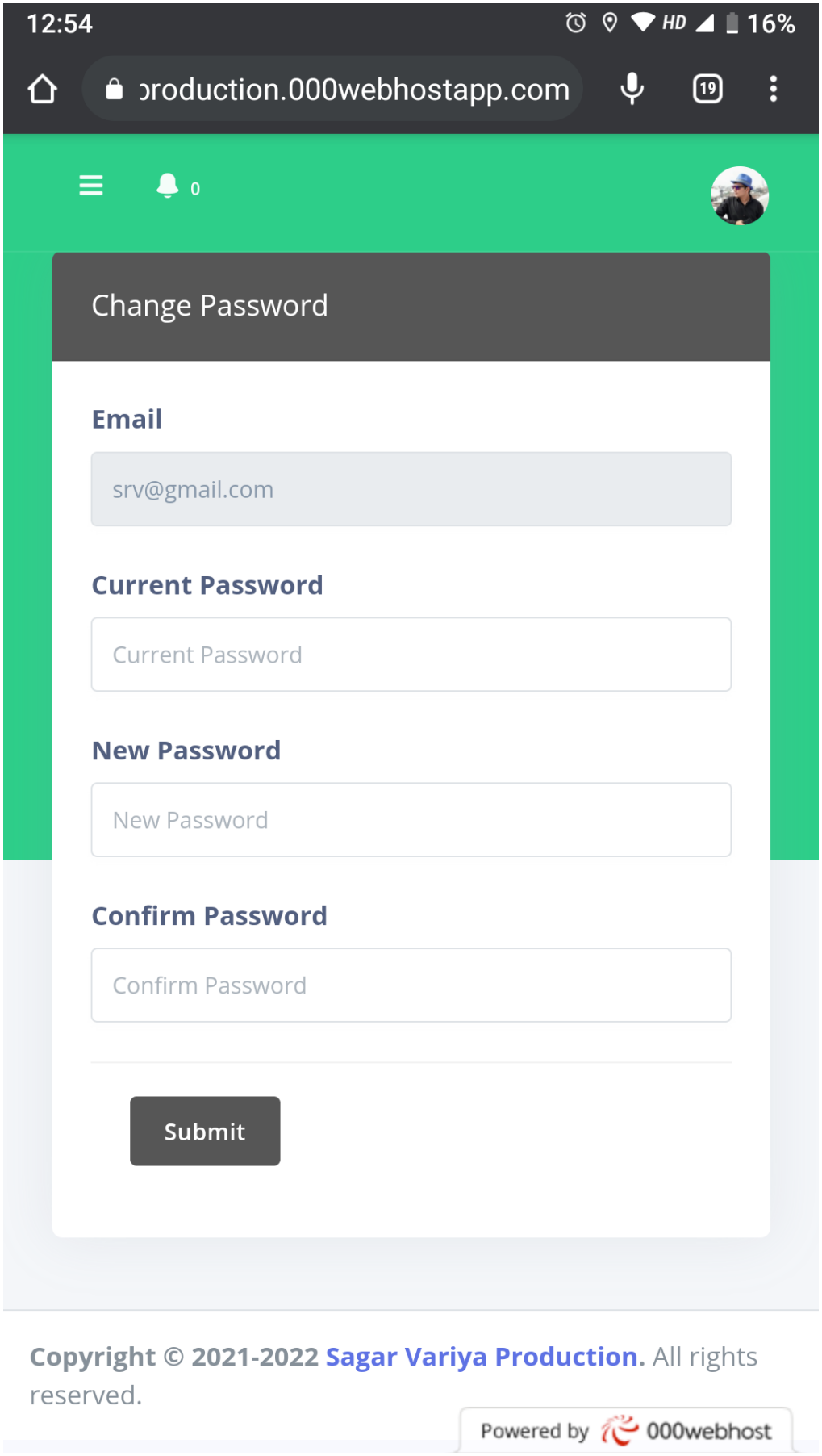
Exam Quetions

No.	Questions	#
1	gvch	Submit
	hjf	
	hgfj	
	gfhjgh	
	uty	
2	ghj	Submit
	hh	

Powered by 000webhost

9. Student Change password




12:54
16%
production.000webhostapp.com
0
Change Password
Email
srv@gmail.com
Current Password
Current Password
New Password
New Password
Confirm Password
Confirm Password
Submit
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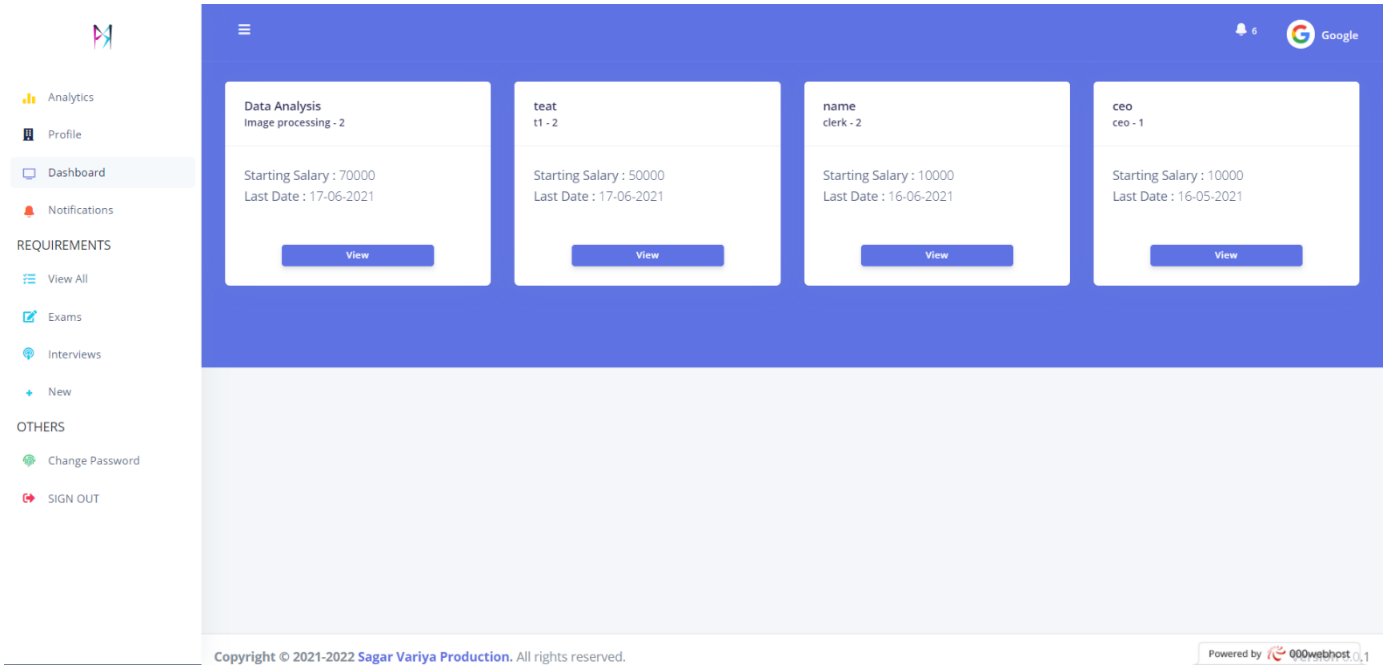
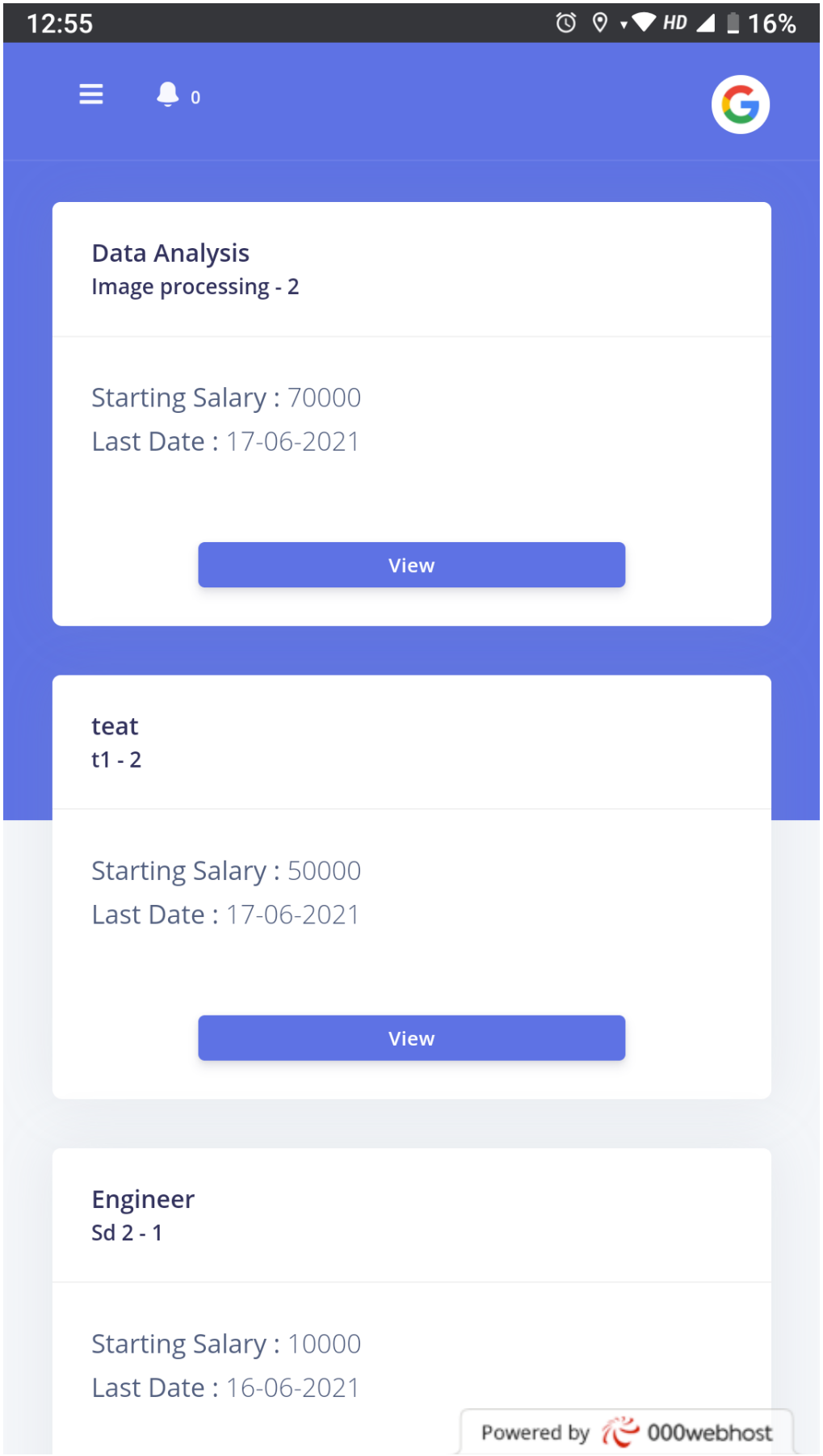
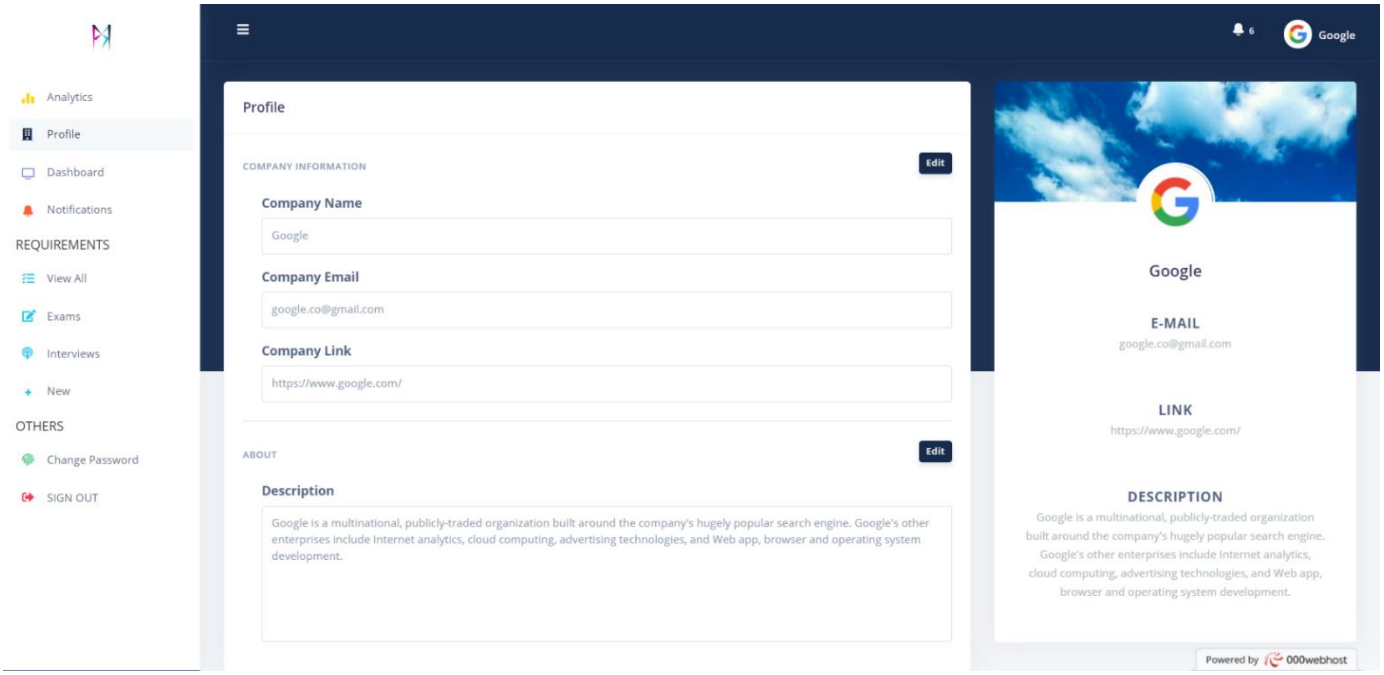
Powered by 000webhost

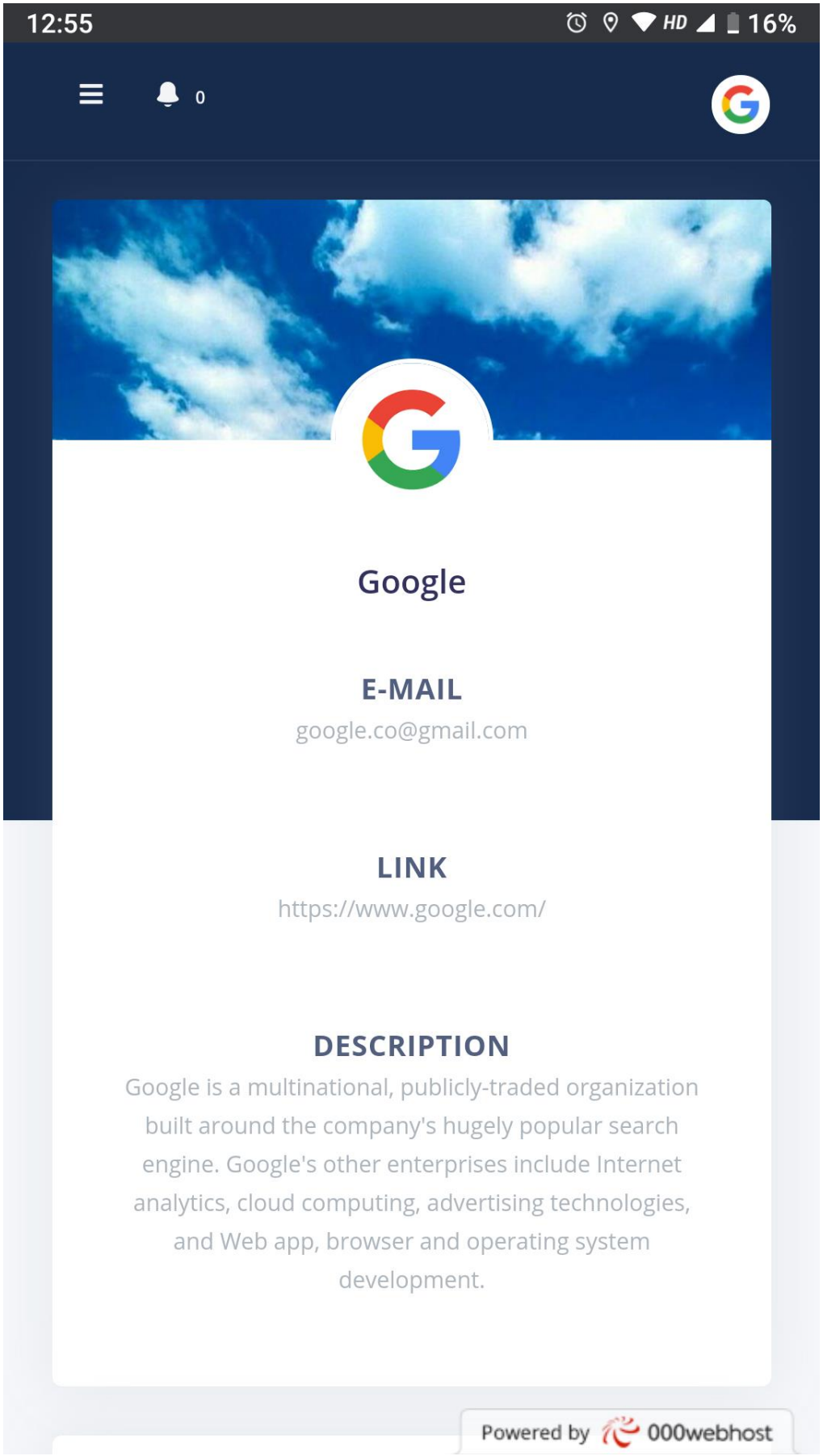
10. Company dashboard



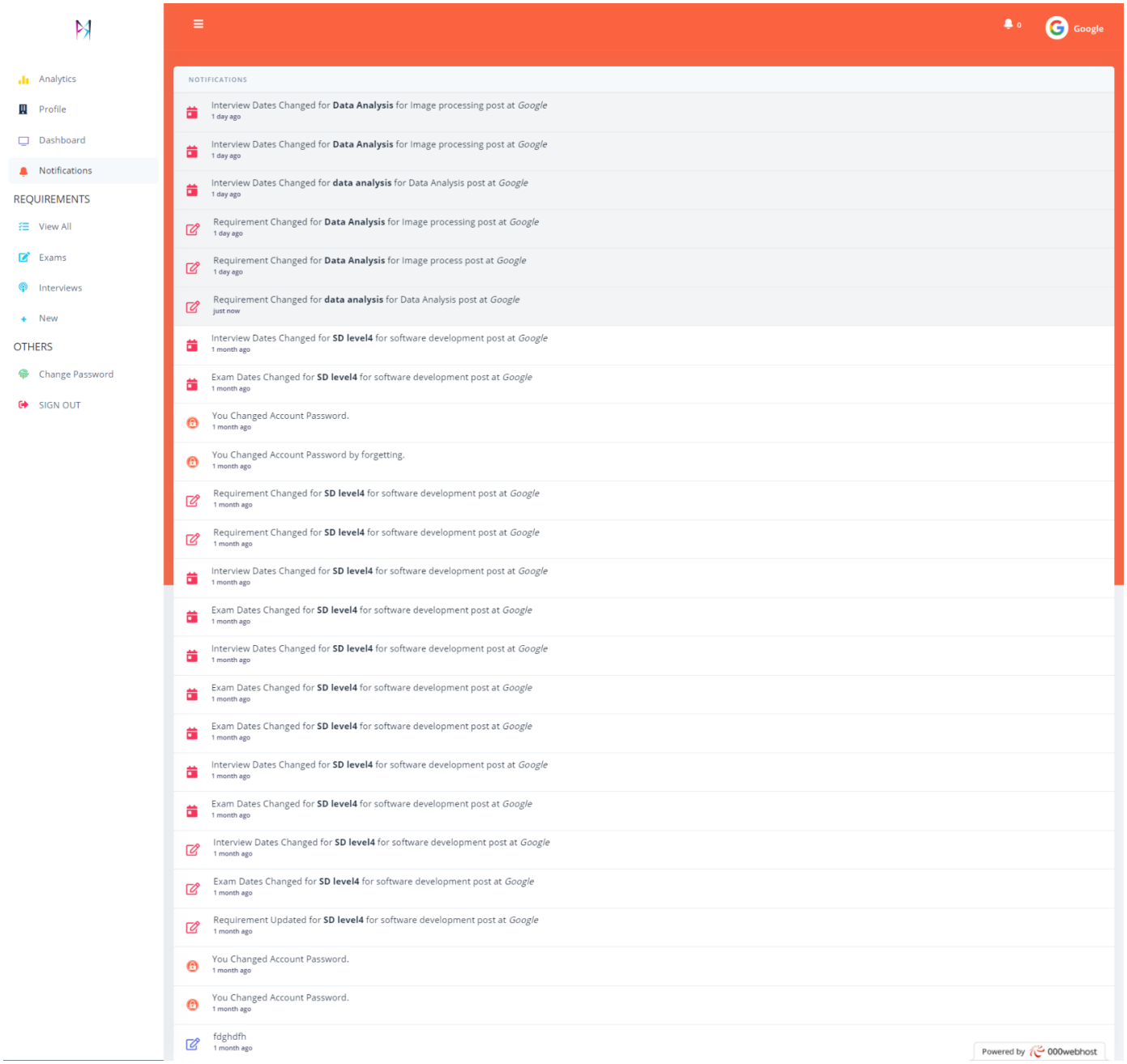

12:55
HD
16%
0
Data Analysis
Image processing - 2
Starting Salary : 70000
Last Date : 17-06-2021
View
teat
t1 - 2
Starting Salary : 50000
Last Date : 17-06-2021
View
Engineer
Sd 2 - 1
Starting Salary : 10000
Last Date : 16-06-2021
Powered by 000webhost

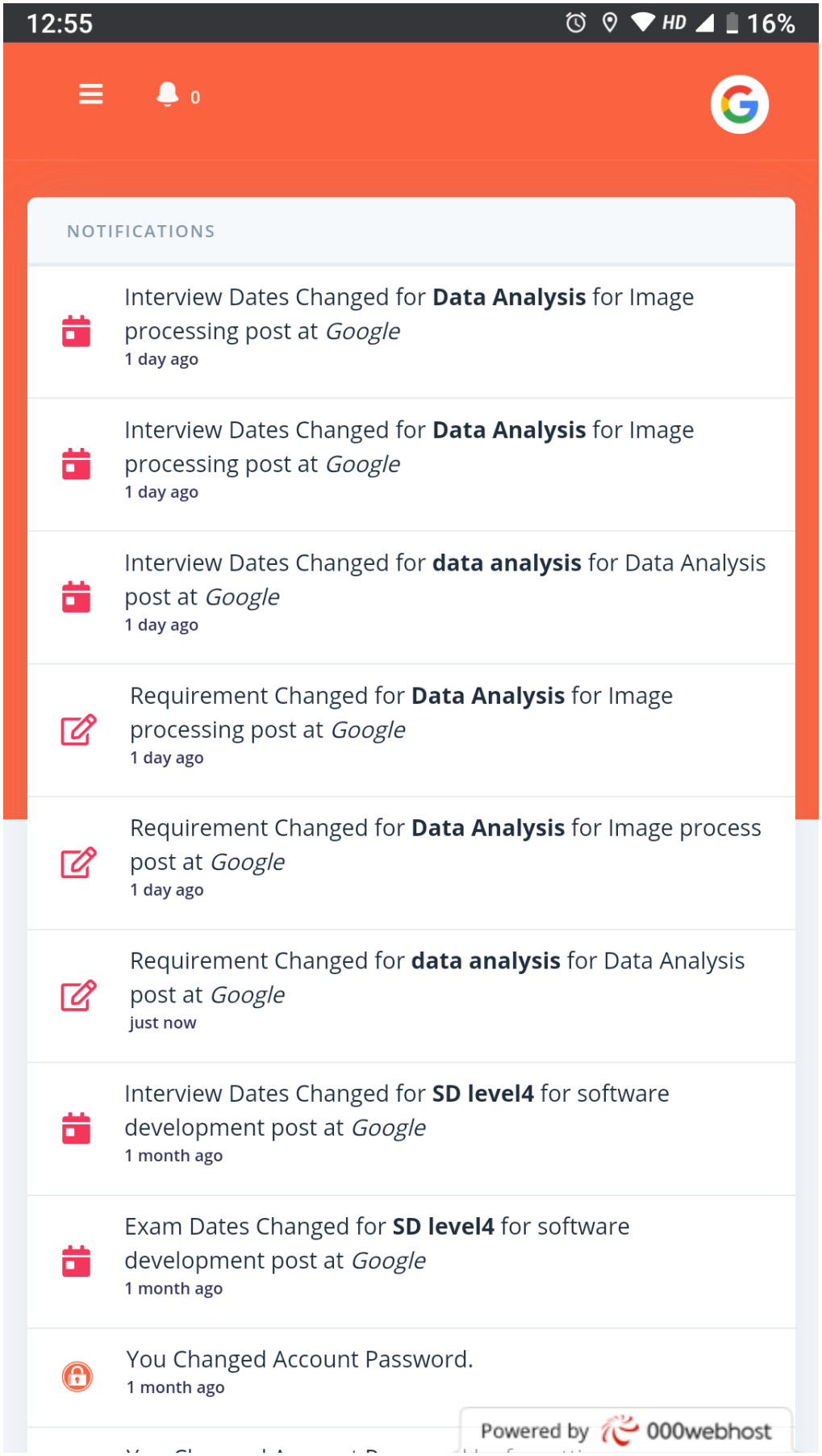
11. Company profile



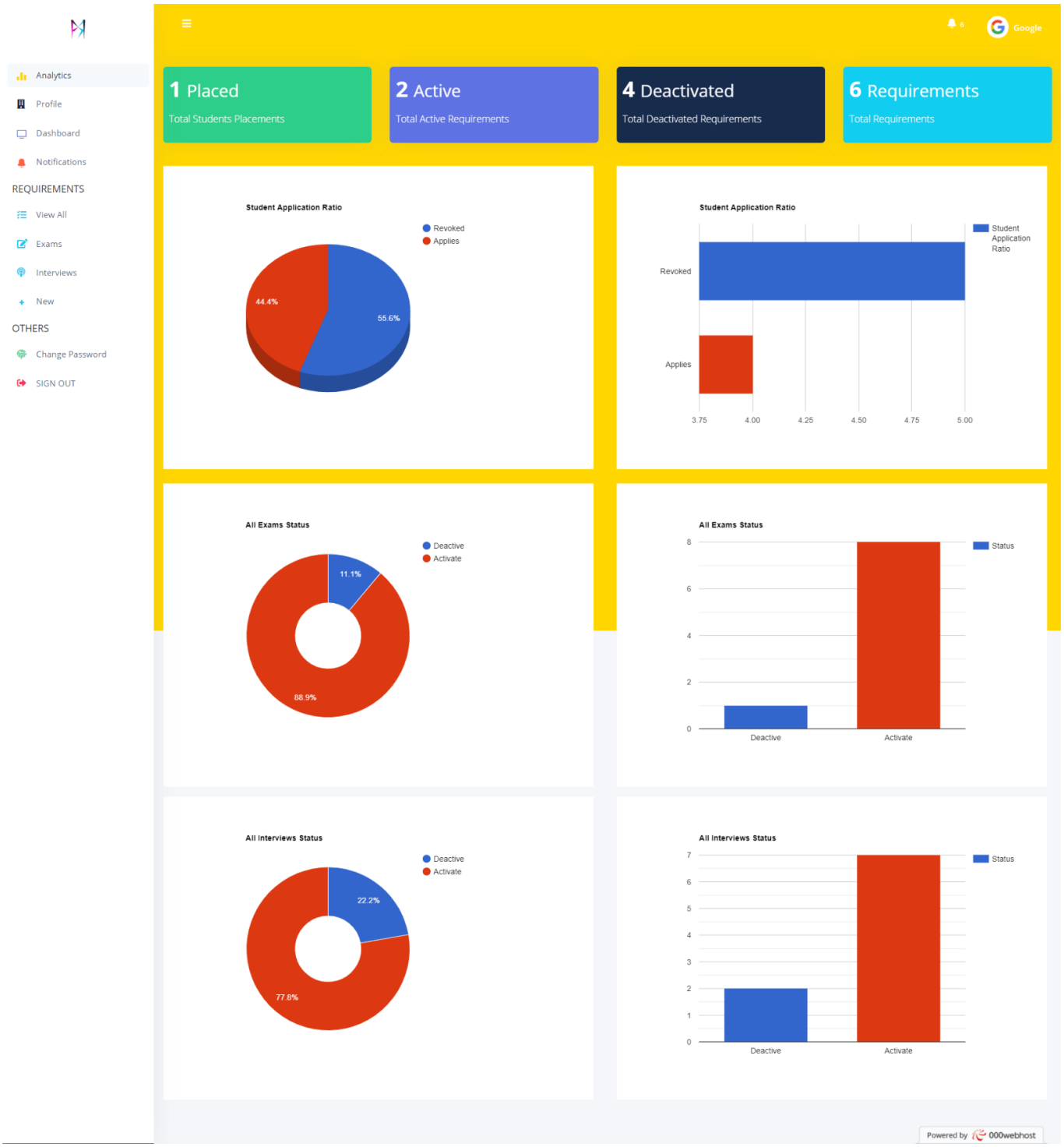

12:55
HD
16%
0
Google
E-MAIL
google.co@gmail.com
LINK
https://www.google.com/
DESCRIPTION
Google is a multinational, publicly-traded organization built around the company's hugely popular search engine. Google's other enterprises include Internet analytics, cloud computing, advertising technologies, and Web app, browser and operating system development.
Powered by 000webhost

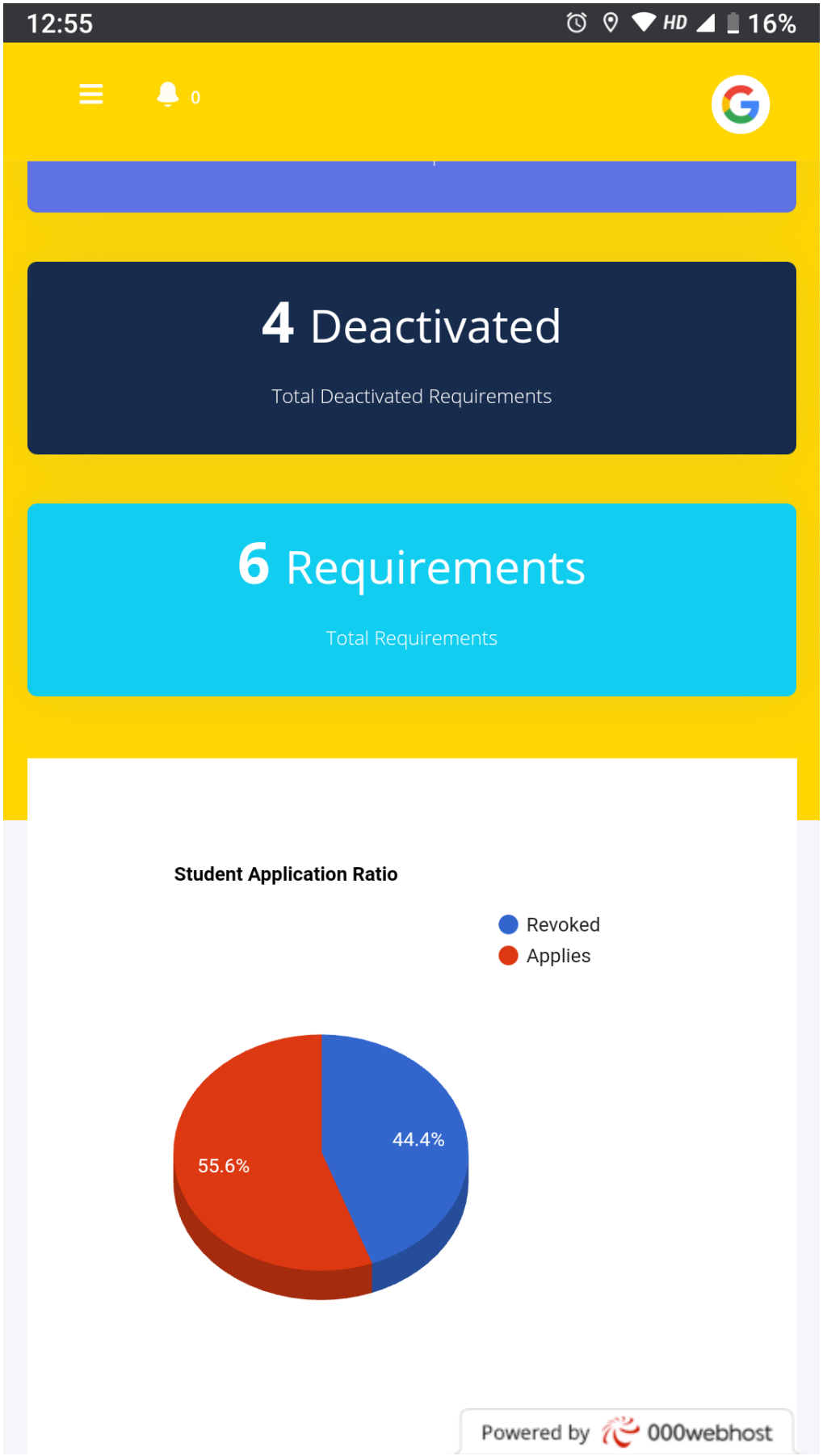
12. Company notification



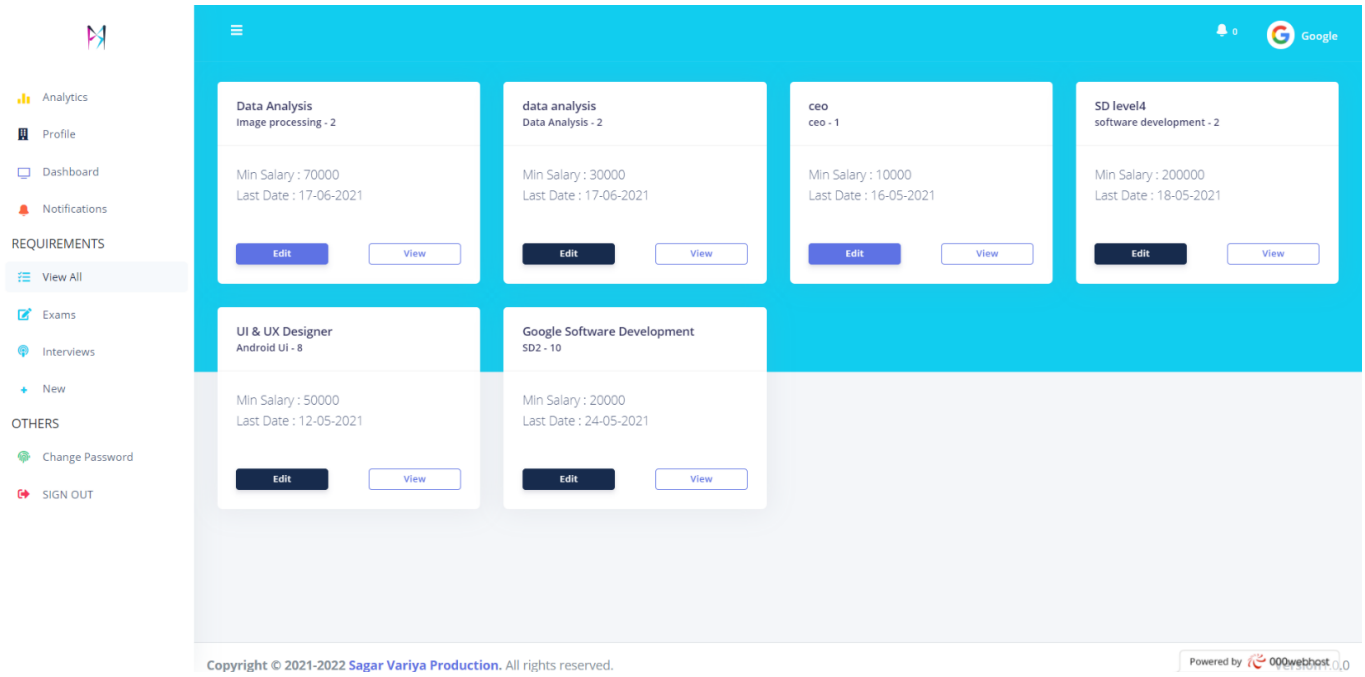

12:55
HD
16%
0
NOTIFICATIONS
Interview Dates Changed for **Data Analysis** for Image processing post at *Google*
1 day ago
Interview Dates Changed for **Data Analysis** for Image processing post at *Google*
1 day ago
Interview Dates Changed for **data analysis** for Data Analysis post at *Google*
1 day ago
Requirement Changed for **Data Analysis** for Image processing post at *Google*
1 day ago
Requirement Changed for **Data Analysis** for Image process post at *Google*
1 day ago
Requirement Changed for **data analysis** for Data Analysis post at *Google*
just now
Interview Dates Changed for **SD level4** for software development post at *Google*
1 month ago
Exam Dates Changed for **SD level4** for software development post at *Google*
1 month ago
You Changed Account Password.
1 month ago
Powered by 000webhost

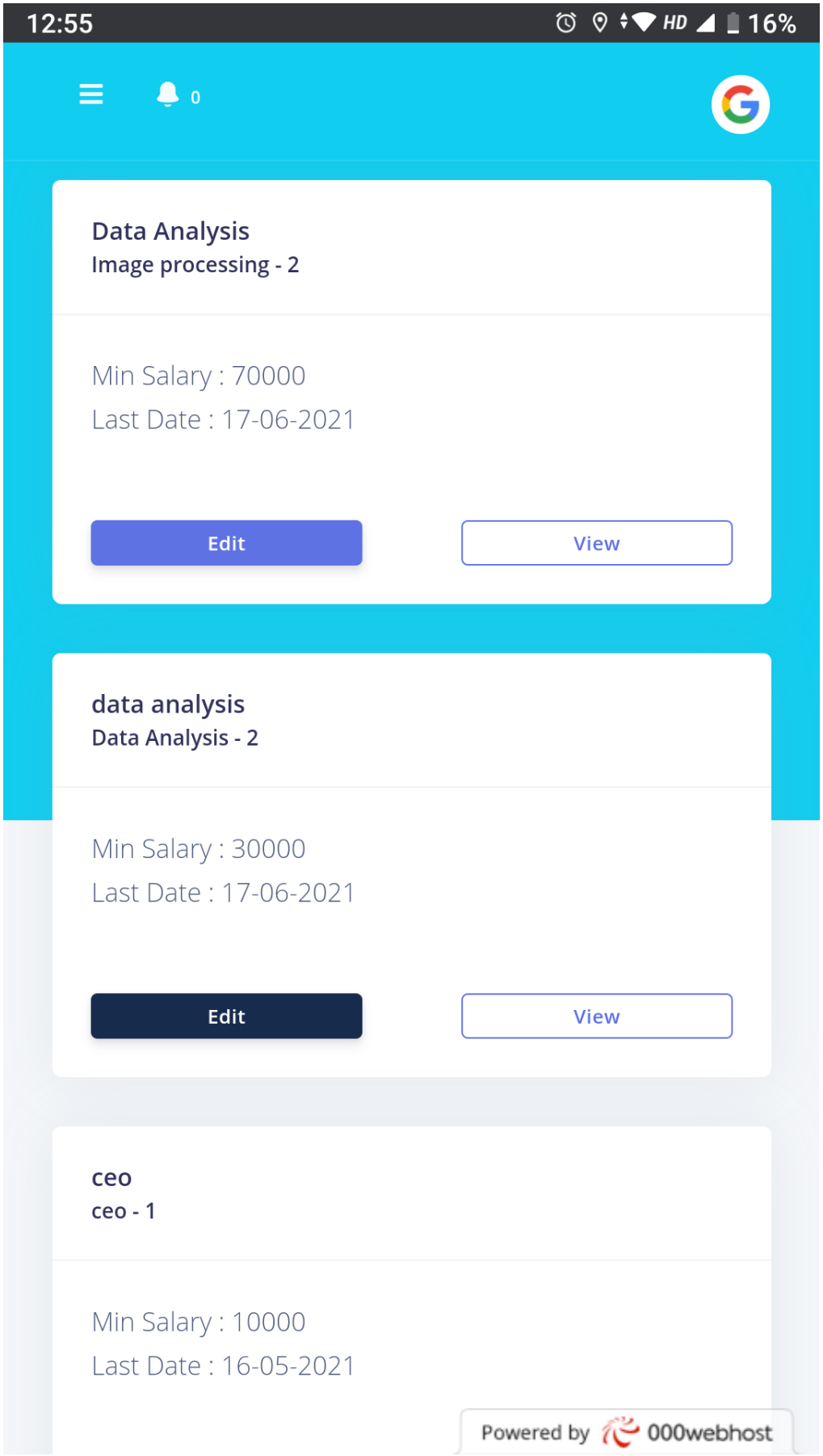
13. Company analytics



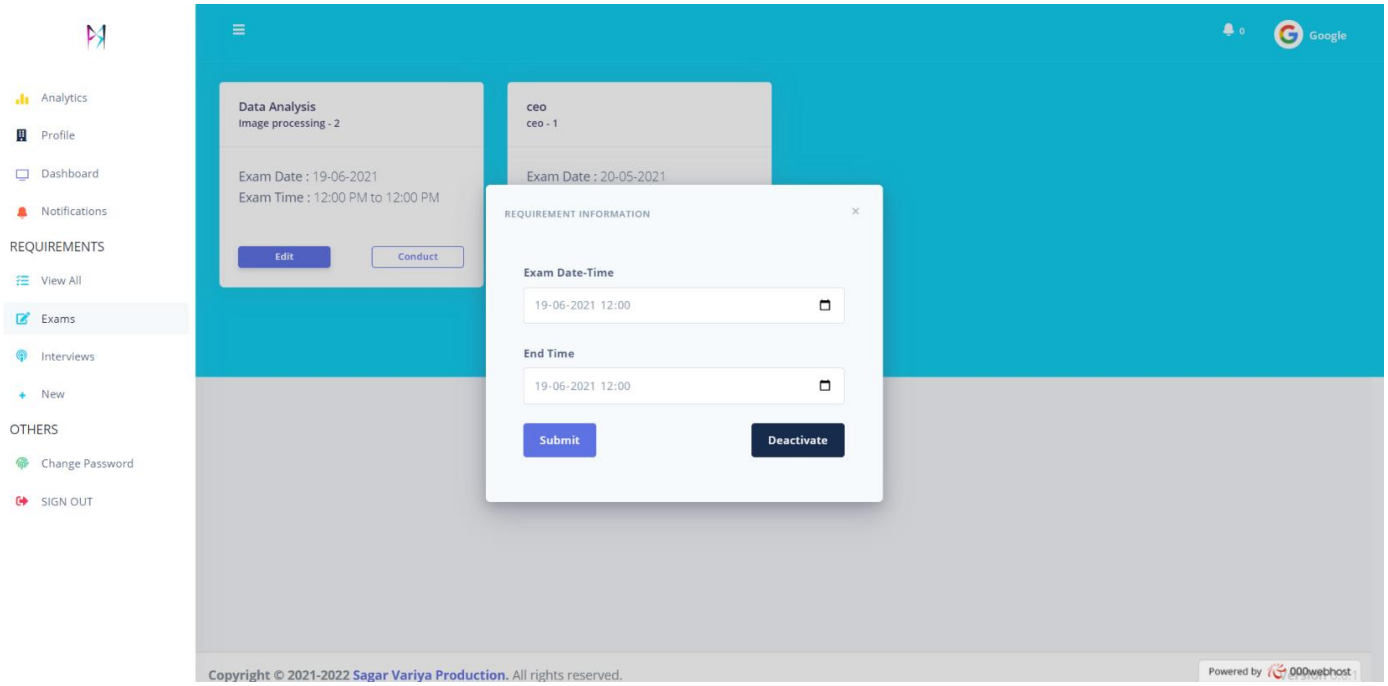

12:55
HD
16%
0
4 Deactivated
Total Deactivated Requirements
6 Requirements
Total Requirements
Student Application Ratio
Revoked
Applies
44.4%
55.6%
Powered by 000webhost

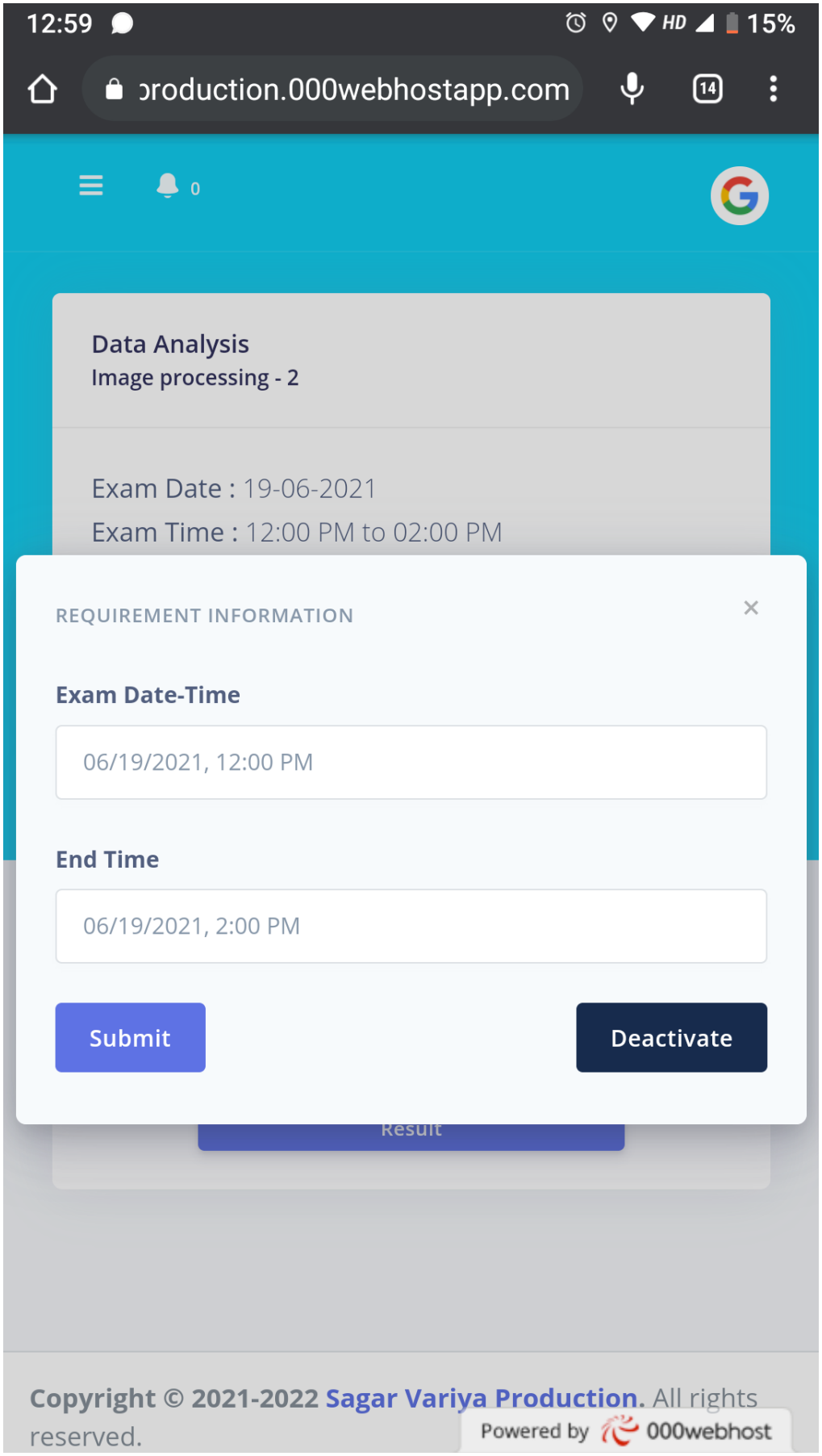
14. Company view all requirements




12:55
HD
16%
0
Data Analysis
Image processing - 2
Min Salary : 70000
Last Date : 17-06-2021
Edit
View
data analysis
Data Analysis - 2
Min Salary : 30000
Last Date : 17-06-2021
Edit
View
ceo
ceo - 1
Min Salary : 10000
Last Date : 16-05-2021
Powered by 000webhost

15. Company exams




12:59
15%
production.000webhostapp.com
0
Data Analysis
Image processing - 2
Exam Date : 19-06-2021
Exam Time : 12:00 PM to 02:00 PM
REQUIREMENT INFORMATION
Exam Date-Time
06/19/2021, 12:00 PM
End Time
06/19/2021, 2:00 PM
Submit
Deactivate
Result
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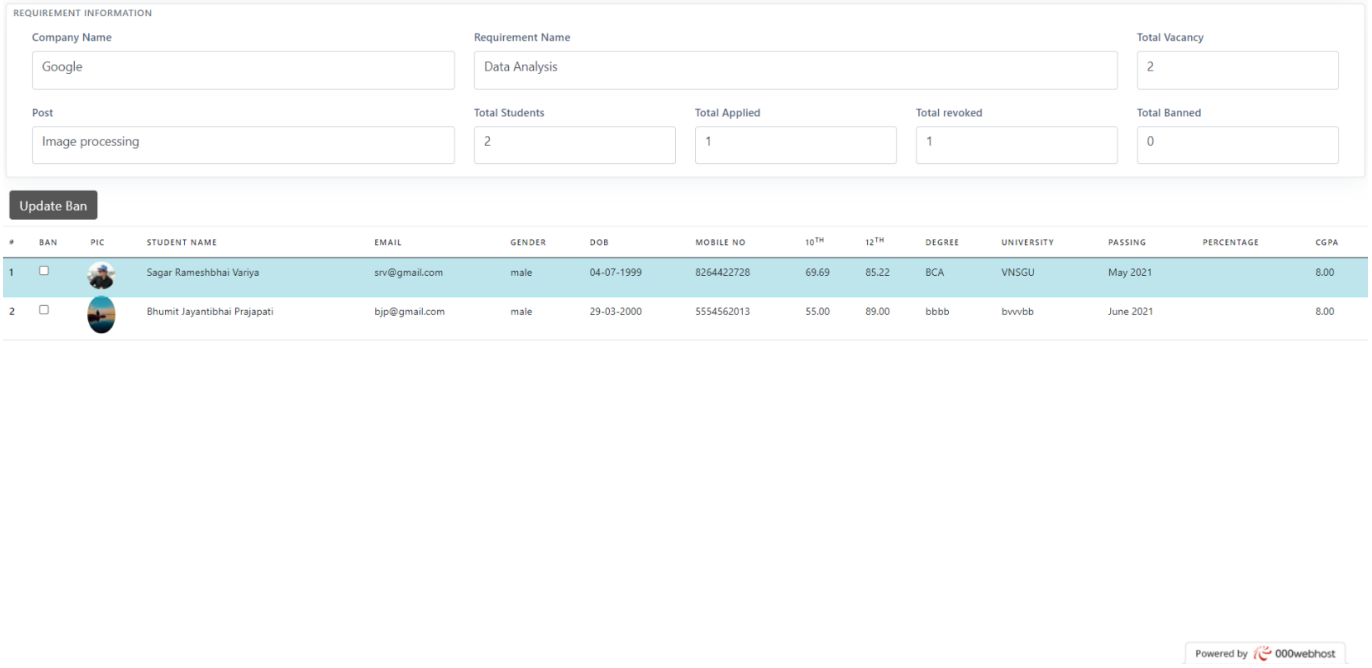
Powered by 000webhost

16. Company exam application



REQUIREMENT INFORMATION

Company Name	Requirement Name	Total Vacancy
Google	Data Analysis	2

Post	Total Students	Total Applied	Total revoked	Total Banned
Image processing	2	1	1	0

Update Ban

#	BAN	PIC	STUDENT NAME	EMAIL	GENDER	DOB	MOBILE NO	10TH	12TH	DEGREE	UNIVERSITY	PASSING	PERCENTAGE	CGPA
1	☐		Sagar Rameshbhai Variya	srv@gmail.com	male	04-07-1999	8264422728	69.69	85.22	BCA	VNSGU	May 2021		8.00
2	☐		Bhumit Jayantibhai Prajapati	bjp@gmail.com	male	29-03-2000	5554562013	55.00	89.00	bbbb	bvvvbb	June 2021		8.00

Powered by 000webhost

12:56 HD 16%

Data Analysis

Total Vacancy

2

Post

Image processing

Total Students

2

Total Applied

2

Total revoked

0

Total Banned

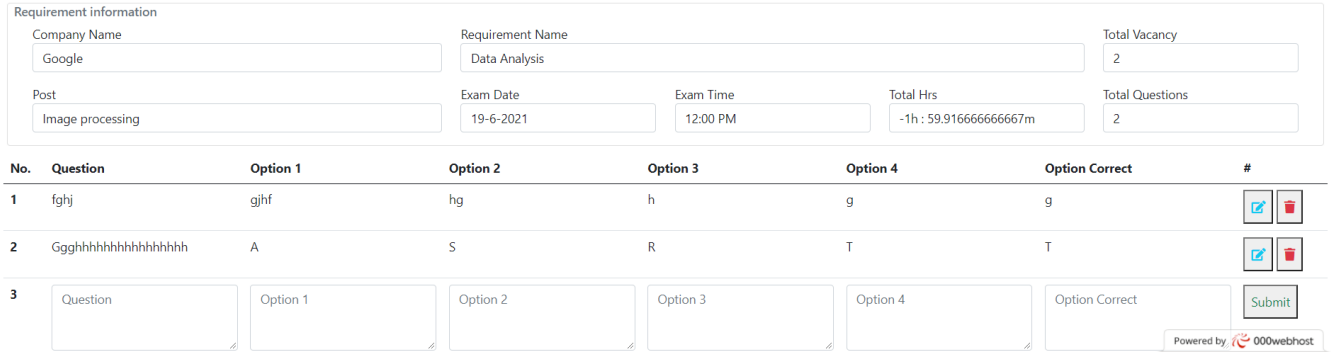
0

Update Ban

#	BAN	PIC	STUDENT NAME	EMAIL	GENDER	DOB
1	☐		Sagar Rameshbhai Variya	srv@gmail.com	male	04-07-
2	☐		Bhumit Jayantibhai Prajapati	bjp@gmail.com	male	29-03-

Powered by 000webhost

17. Company exam conduct



Requirement information

Company Name	Requirement Name	Total Vacancy
Google	Data Analysis	2

Post	Exam Date	Exam Time	Total Hrs	Total Questions
Image processing	19-6-2021	12:00 PM	-1h : 59.916666666667m	2

No.	Question	Option 1	Option 2	Option 3	Option 4	Option Correct	#
1	fghj	gjhf	hg	h	g	g	
2	Ggghhhhhhhhhhhhhhh	A	S	R	T	T	
3	Question	Option 1	Option 2	Option 3	Option 4	Option Correct	Submit

Powered by 000webhost

12:59 HD 15%

2

Post

Image processing

Exam Date

19-6-2021

Exam Time

12:00 PM

Total Hrs

2h : 0m

Total Questions

2

No.	Question	Option 1	Option 2	Option 3	Opti 4
1	fghj	gjhf	hg	h	g
2	Ggghhhhhhhhhhhhhhh	A	S	R	T
3	Question	Option	Option	Option	Option

Powered by 000webhost

18. Company exam result

REQUIREMENT INFORMATION

Company Name	Requirement Name	Total Vacancy
Google	ceo	1

Post	Interview Start	Interview End	Total Candidates
ceo	17-5-2021 15:02 PM	17-5-2021 15:13 PM	1

Update Interview Call

#	CALL	PIC	STUDENT NAME	EMAIL	MARKS	GENDER	DOB	MOBILE NO	10TH	12TH	DEGREE	UNIVERSITY	PASSING	PERCENTAGE	CGPA
1	☑		Sagar Rameshbhai Variya	srv@gmail.com	1	male	04-07-1999	8264422728	69.69	85.22	BCA	VNSGU	May 2021		8.00

Powered by 000webhost

12:59 HD 15%

REQUIREMENT INFORMATION

Company Name

Google

Requirement Name

ceo

Total Vacancy

1

Post

ceo

Interview Start

17-5-2021 15:02 PM

Interview End

17-5-2021 15:13 PM

Total Candidates

1

Update Interview Call

#	CALL	PIC	STUDENT NAME	EMAIL	MARKS	GENDER
1	☑		Sagar Rameshbhai Variya	srv@gmail.com	1	male

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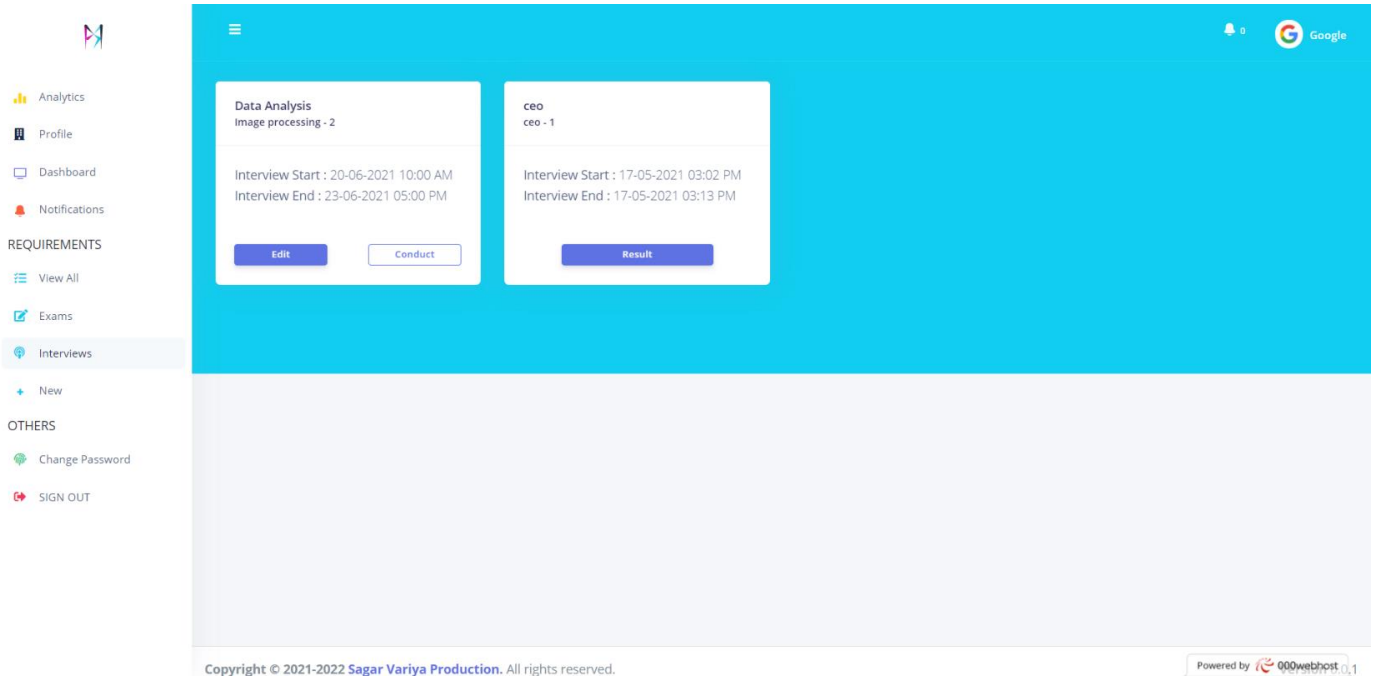
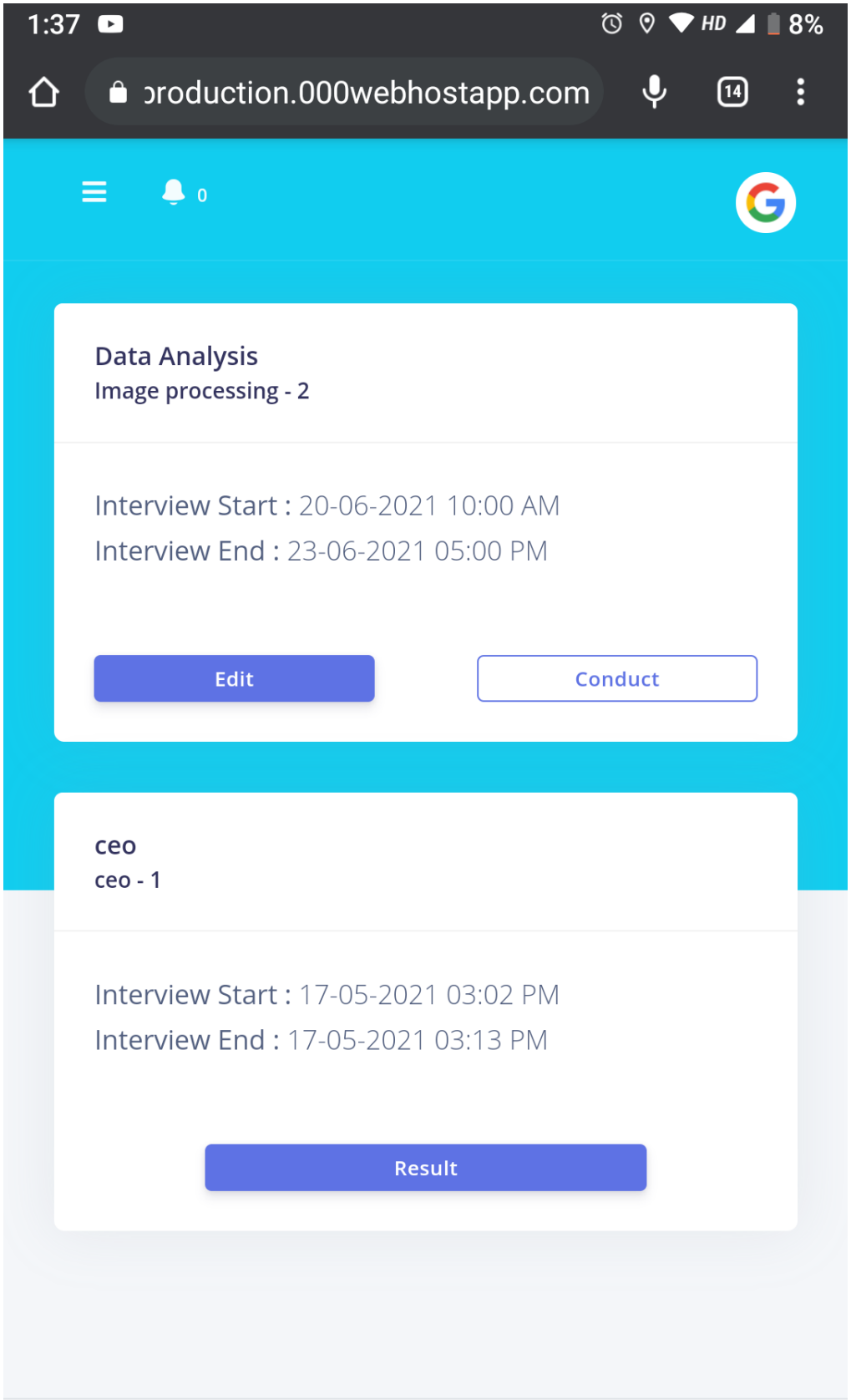
19. Company interview





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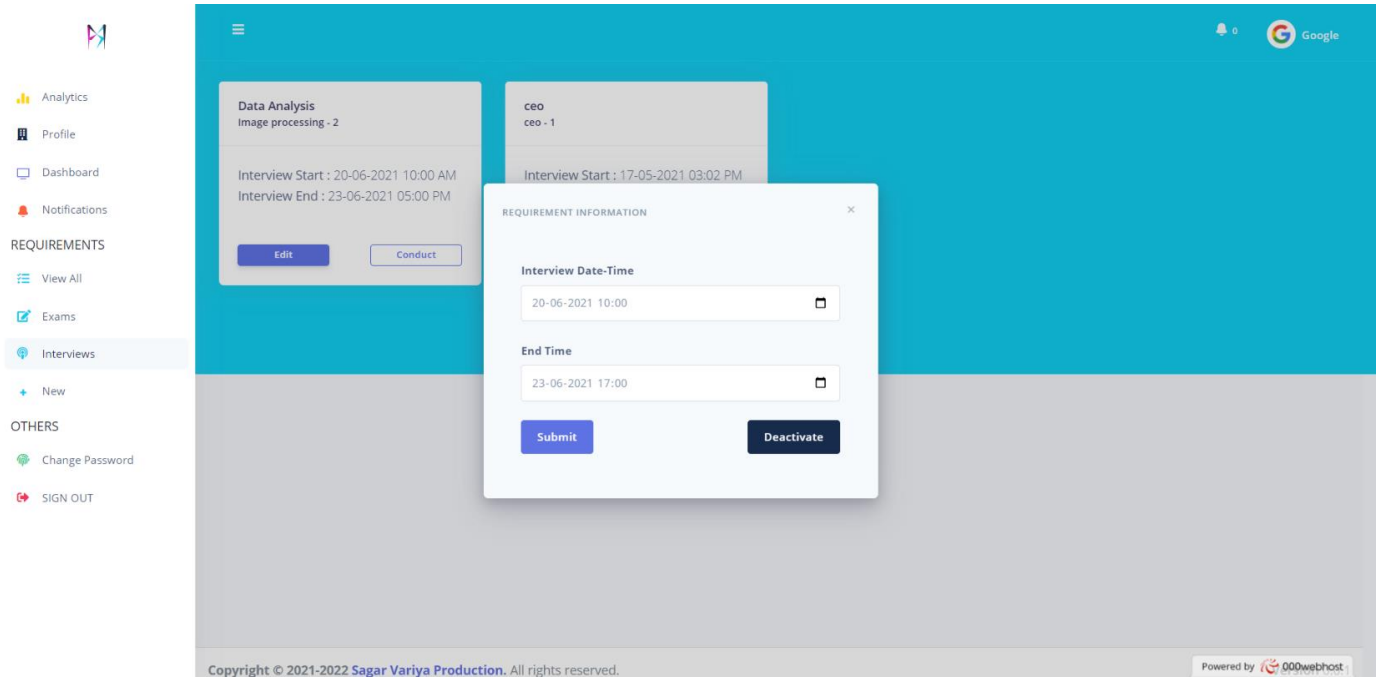
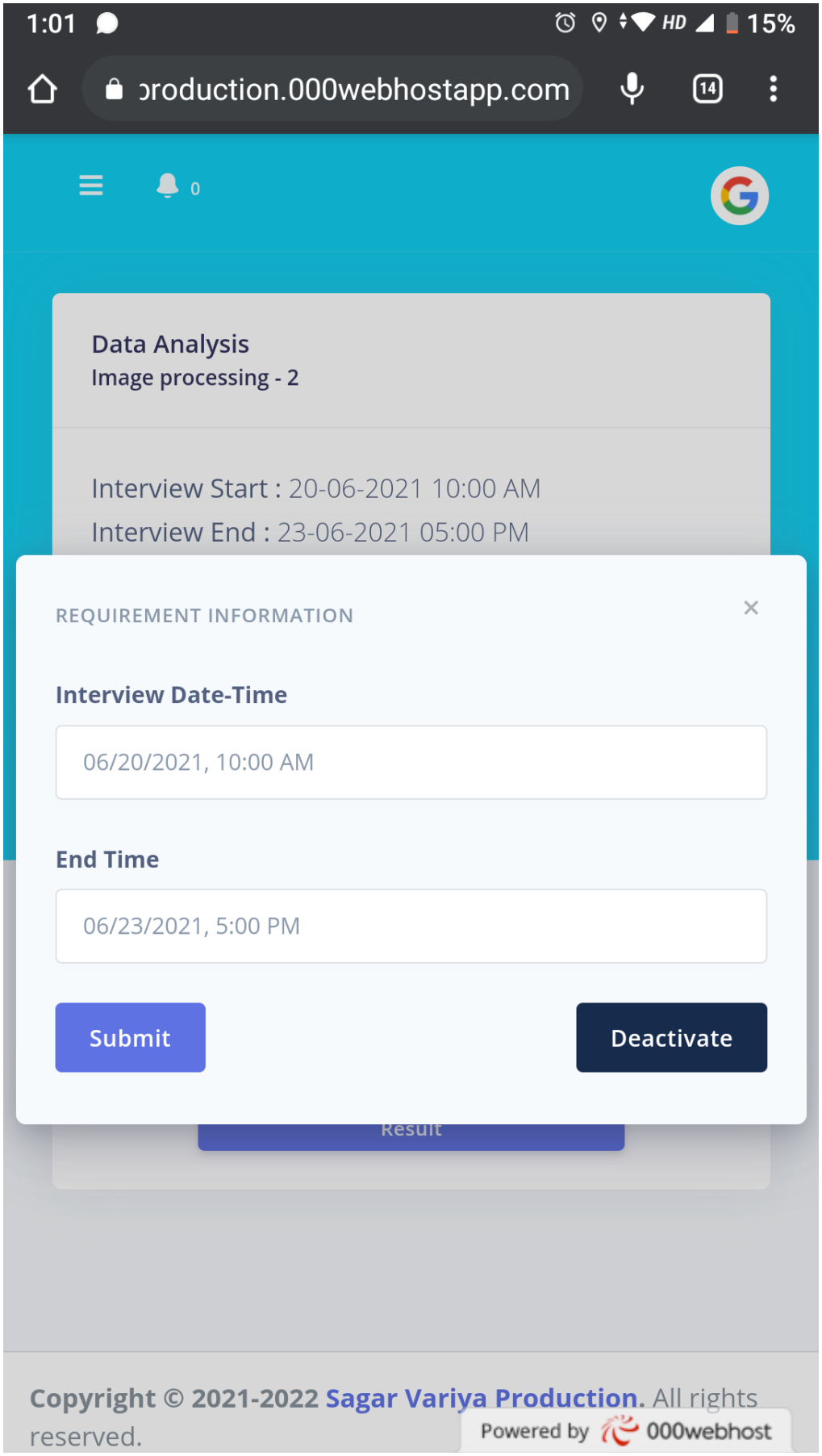
20. Company edit interview




1:01
15%
production.000webhostapp.com
0
Data Analysis
Image processing - 2
Interview Start : 20-06-2021 10:00 AM
Interview End : 23-06-2021 05:00 PM
REQUIREMENT INFORMATION
Interview Date-Time
06/20/2021, 10:00 AM
End Time
06/23/2021, 5:00 PM
Submit
Deactivate
Result
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Powered by 000webhost

21. Company interview

Requirement information

Company Name	Requirement Name	Total Vacancy
Google	Data Analysis	2

Post	Interview Start	Interview End	Total Candidates
Image processing	20-6-2021 10:00 AM	23-6-2021 17:00 PM	0

Update Interview Sessions

#	Student Name	Email	Gender	DOB	Mobile No	10th	12th	Degree	University	Passing	Percentage

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1:00 15%

production.000webhostapp.com

Requirement information

Company Name

Google

Requirement Name

Data Analysis

Total Vacancy

2

Post

Image processing

Interview Start

20-6-2021 10:00 AM

Interview End

23-6-2021 17:00 PM

Total Candidates

0

Update Interview Sessions

#	Student Name	Email	Gender	DOB	Mobile No	10th	12th	De

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22. Company placed student

REQUIREMENT INFORMATION

Company Name	Requirement Name	Total Vacancy
Google	ceo	1

Post	Interview Ended	Total Placed	Total Candidates
ceo	17-5-2021 15:13 PM	0	1

Update Placed

#	PLACED	PIC	STUDENT NAME	MARKS	DETAIL	EMAIL	GENDER	DOB	MOBILE NO	10TH	12TH	DEGREE	UNIVERSITY	PASSING	PERCENTAGE	CGPA
1	☐		Sagar Rameshbhai Variya			srv@gmail.com	male	04-07-1999	8264422728	69.69	85.22	BCA	VNSGU	May 2021		8.00

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1:01 HD 15%

REQUIREMENT INFORMATION

Company Name

Google

Requirement Name

ceo

Total Vacancy

1

Post

ceo

Interview Ended

17-5-2021 15:13 PM

Total Placed

0

Total Candidates

1

Update Placed

#	PLACED	PIC	STUDENT NAME	MARKS	DETAIL	EMAIL
1	☐		Sagar Rameshbhai Variya			srv@gmail.com

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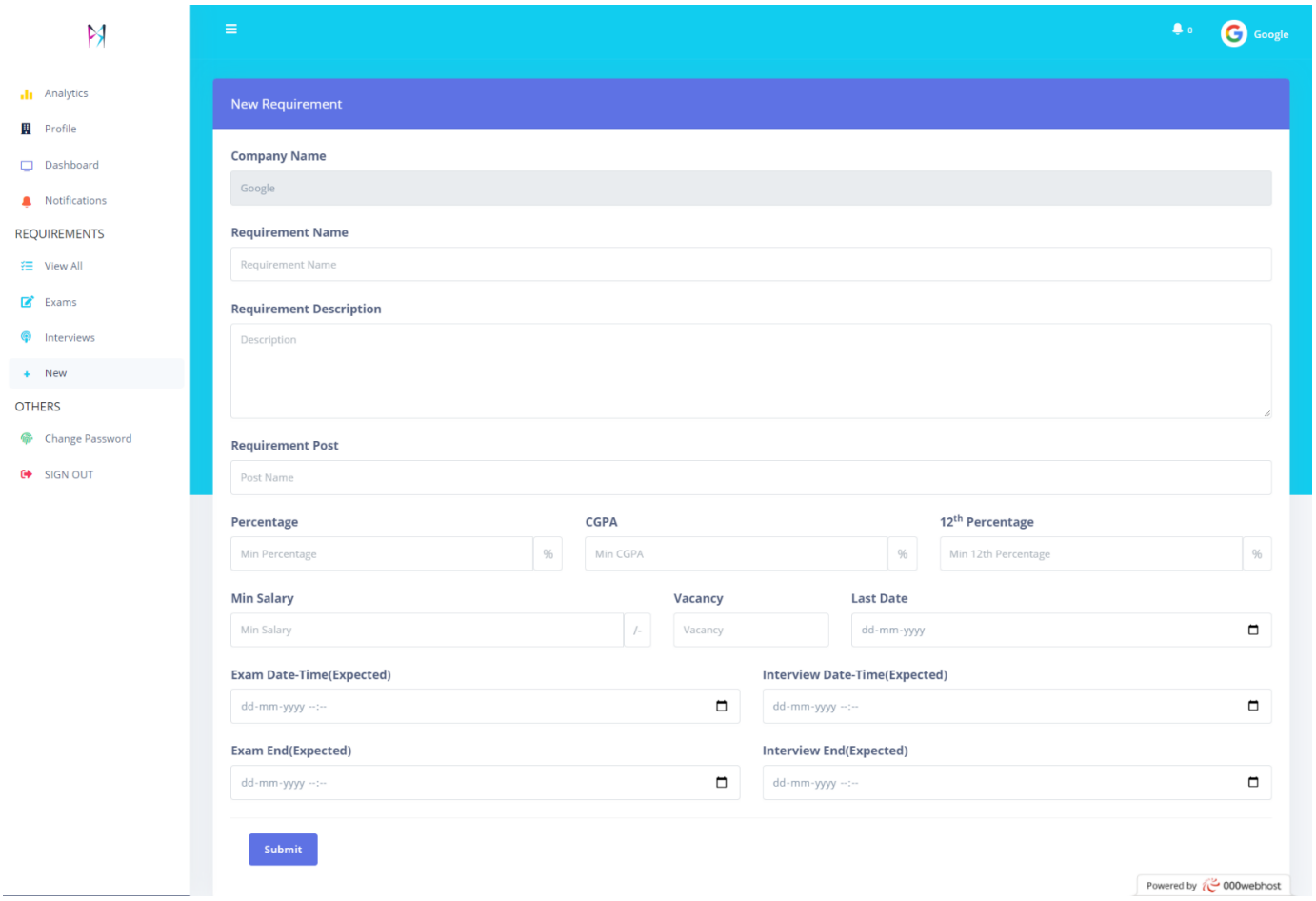
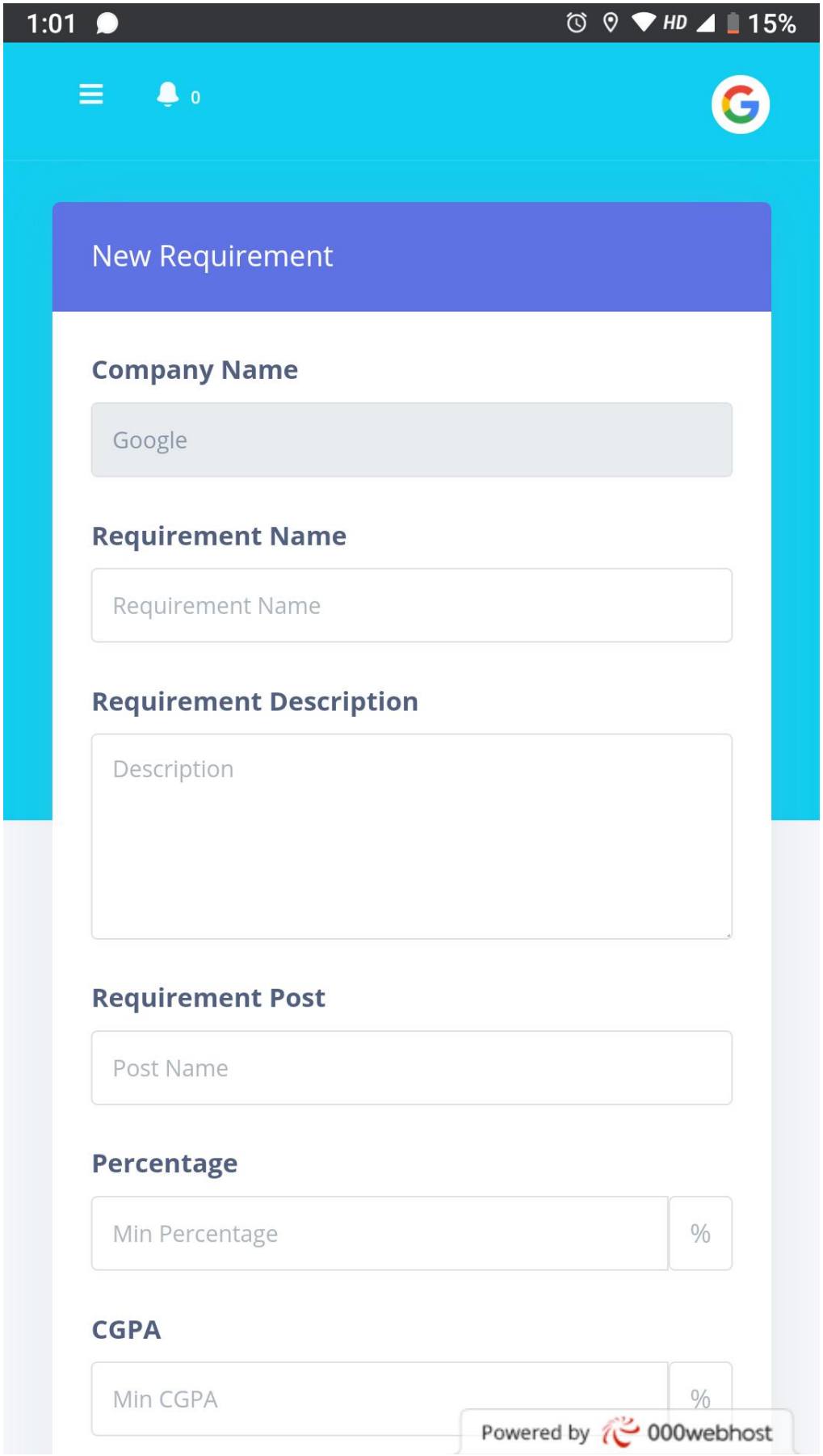
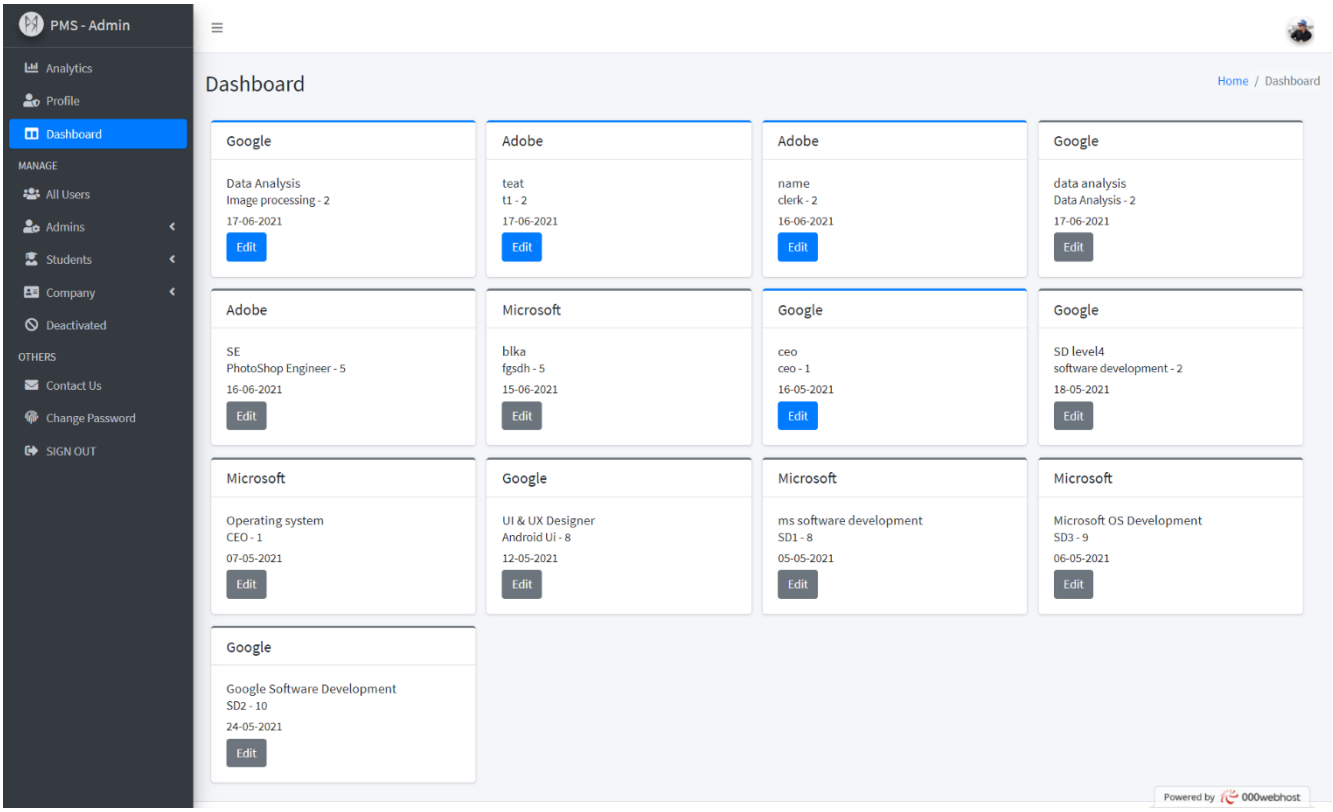
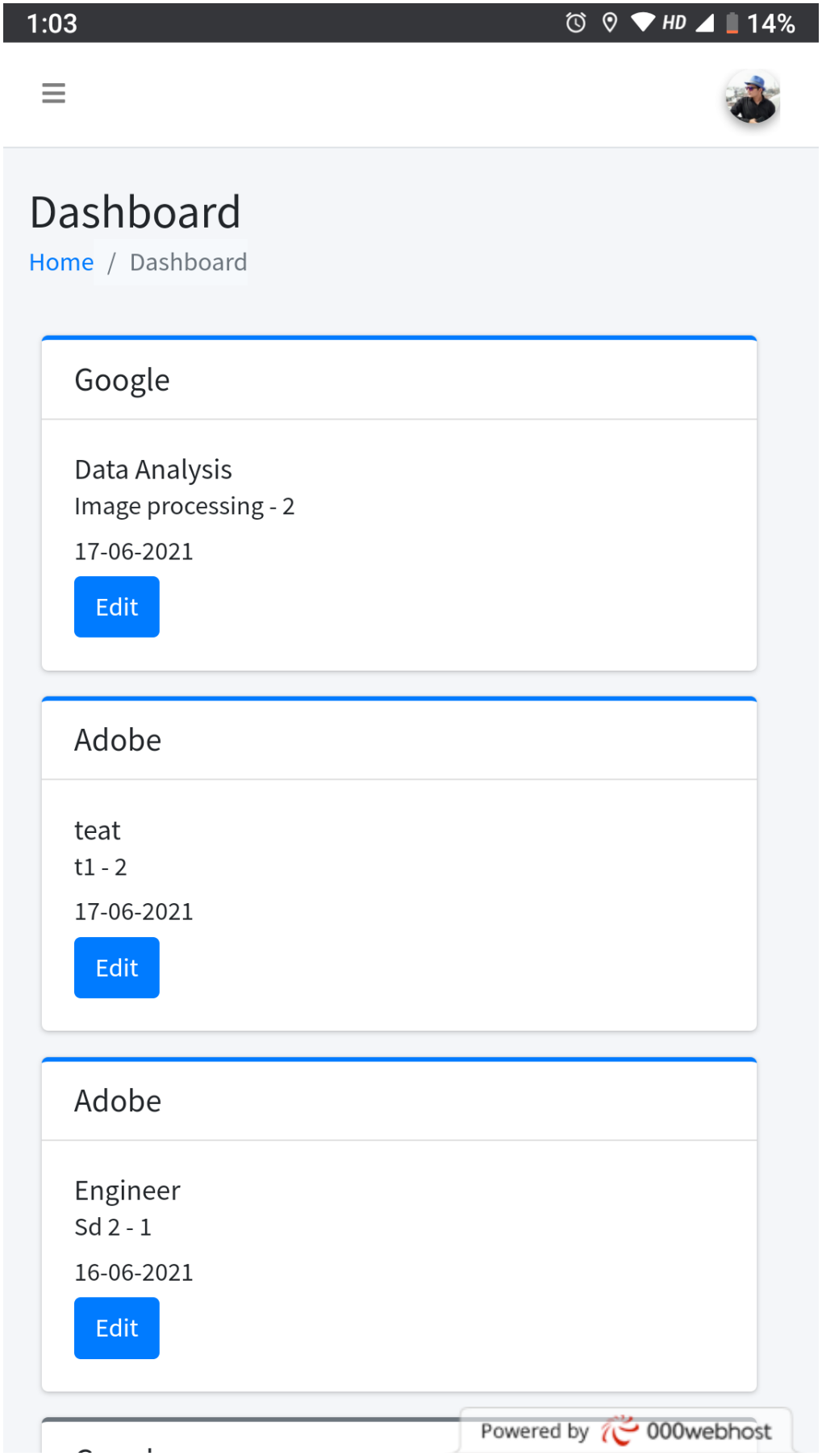
23. Company add new requirement



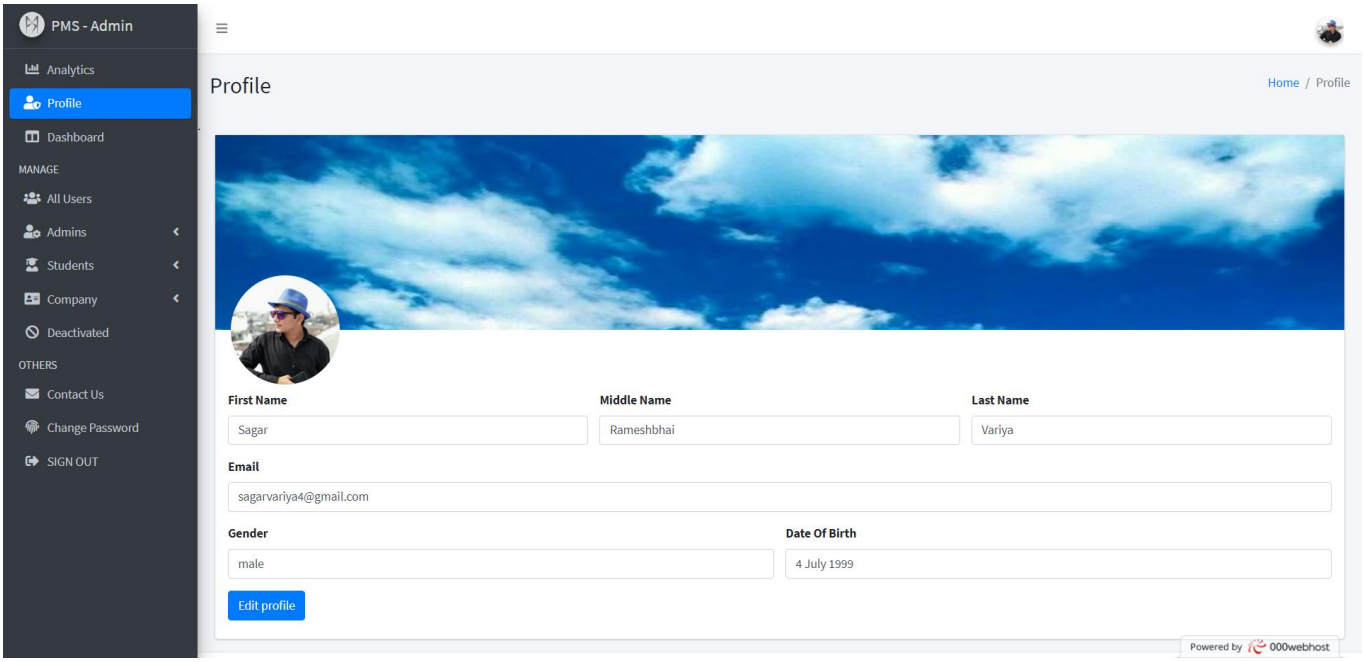

1:01
HD
15%
0
New Requirement
Company Name
Google
Requirement Name
Requirement Name
Requirement Description
Description
Requirement Post
Post Name
Percentage
Min Percentage
%
CGPA
Min CGPA
%
Powered by 000webhost

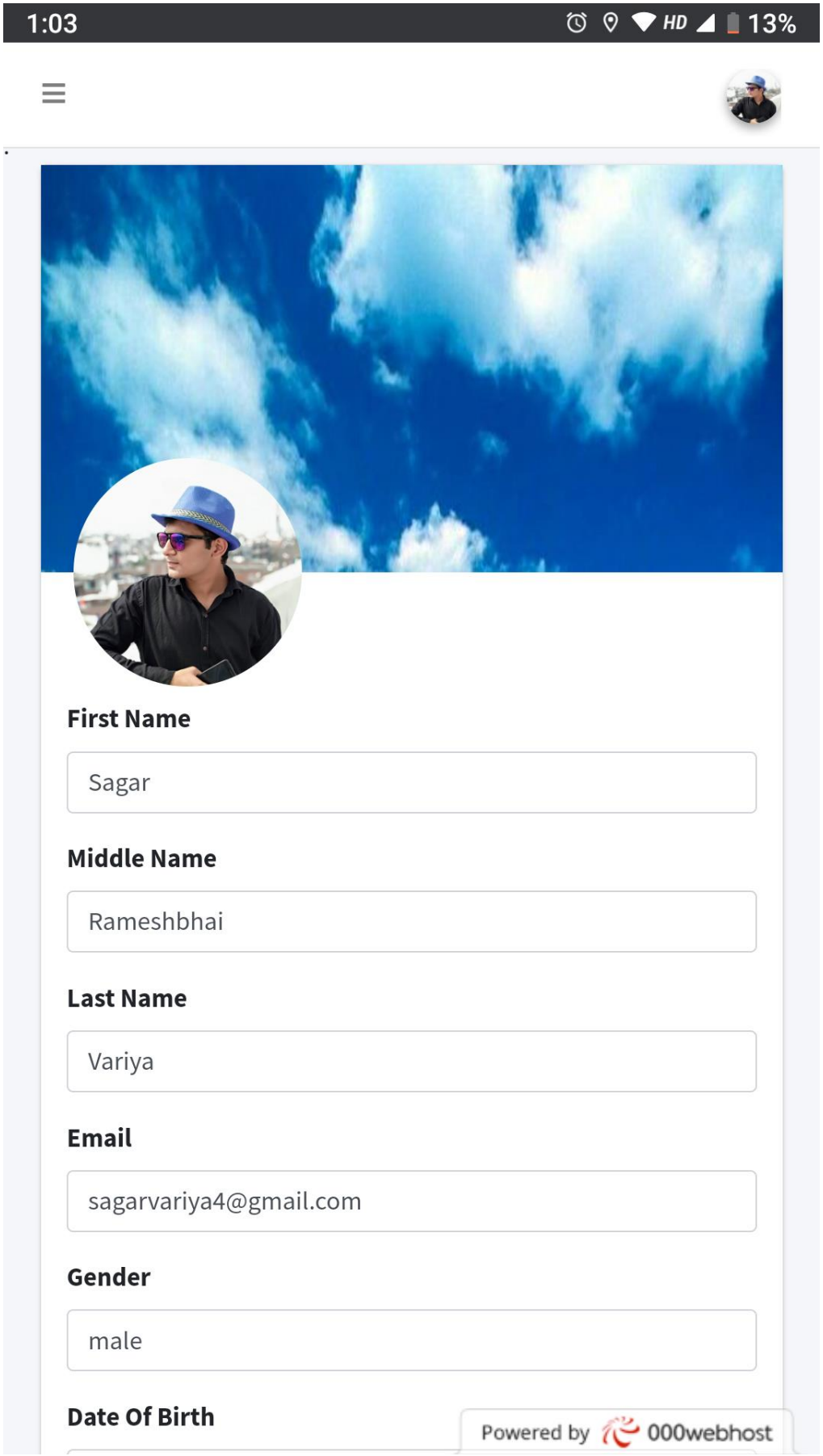
24. Admin dashboard



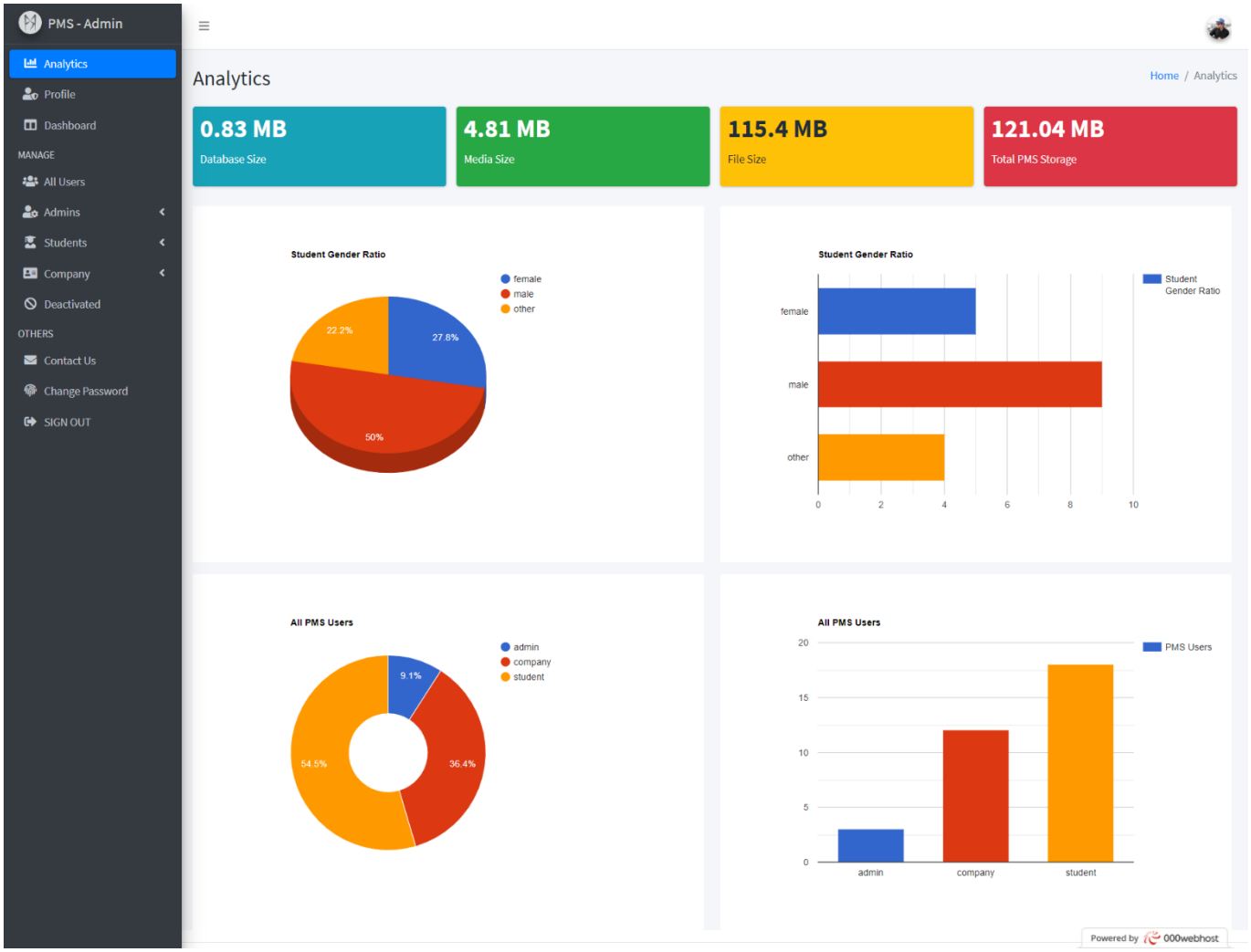

1:03
HD
14%
Dashboard
Home / Dashboard
Google
Data Analysis
Image processing - 2
17-06-2021
Edit
Adobe
teat
t1 - 2
17-06-2021
Edit
Adobe
Engineer
Sd 2 - 1
16-06-2021
Edit
Powered by 000webhost

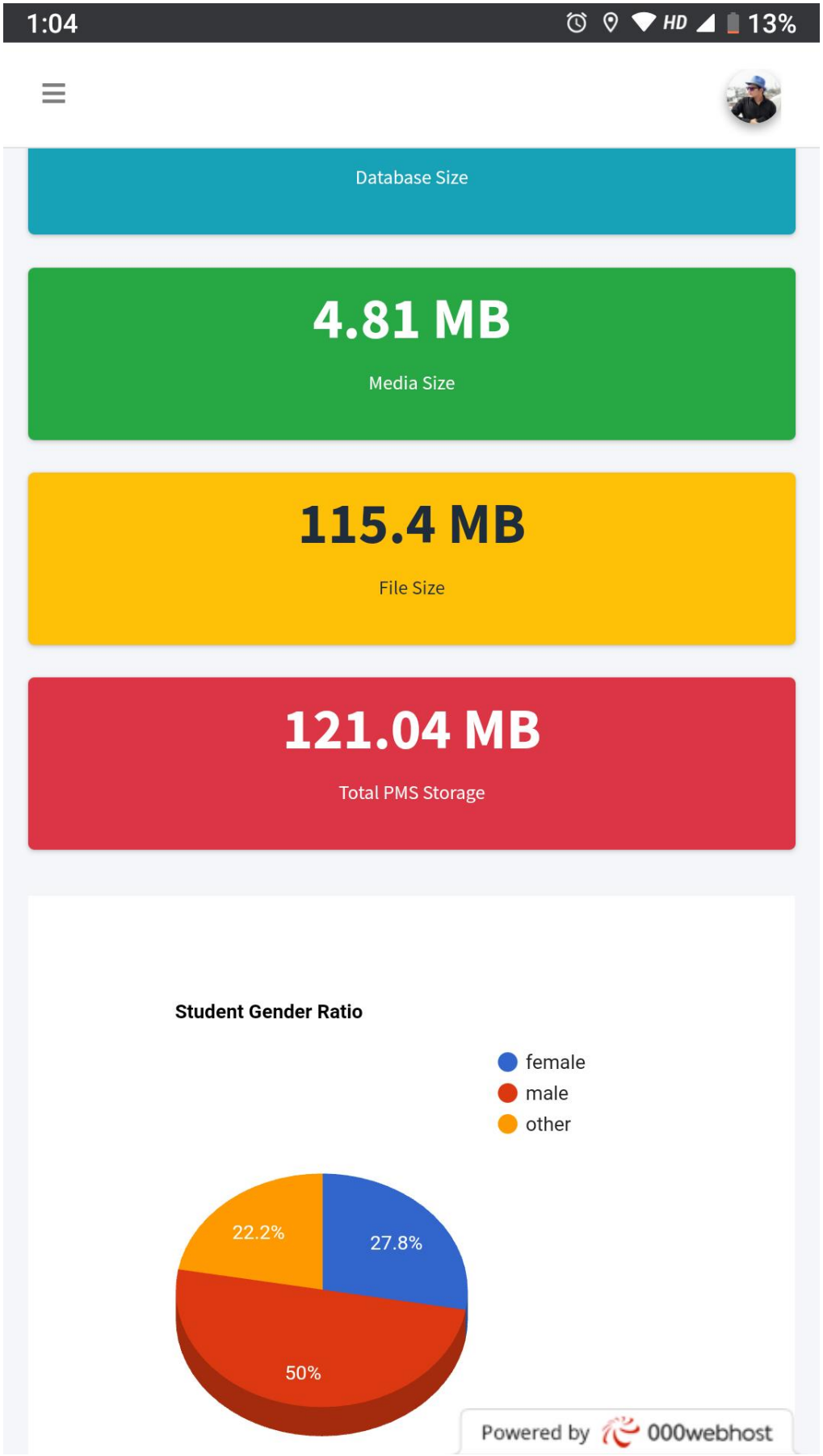
25. Admin profile



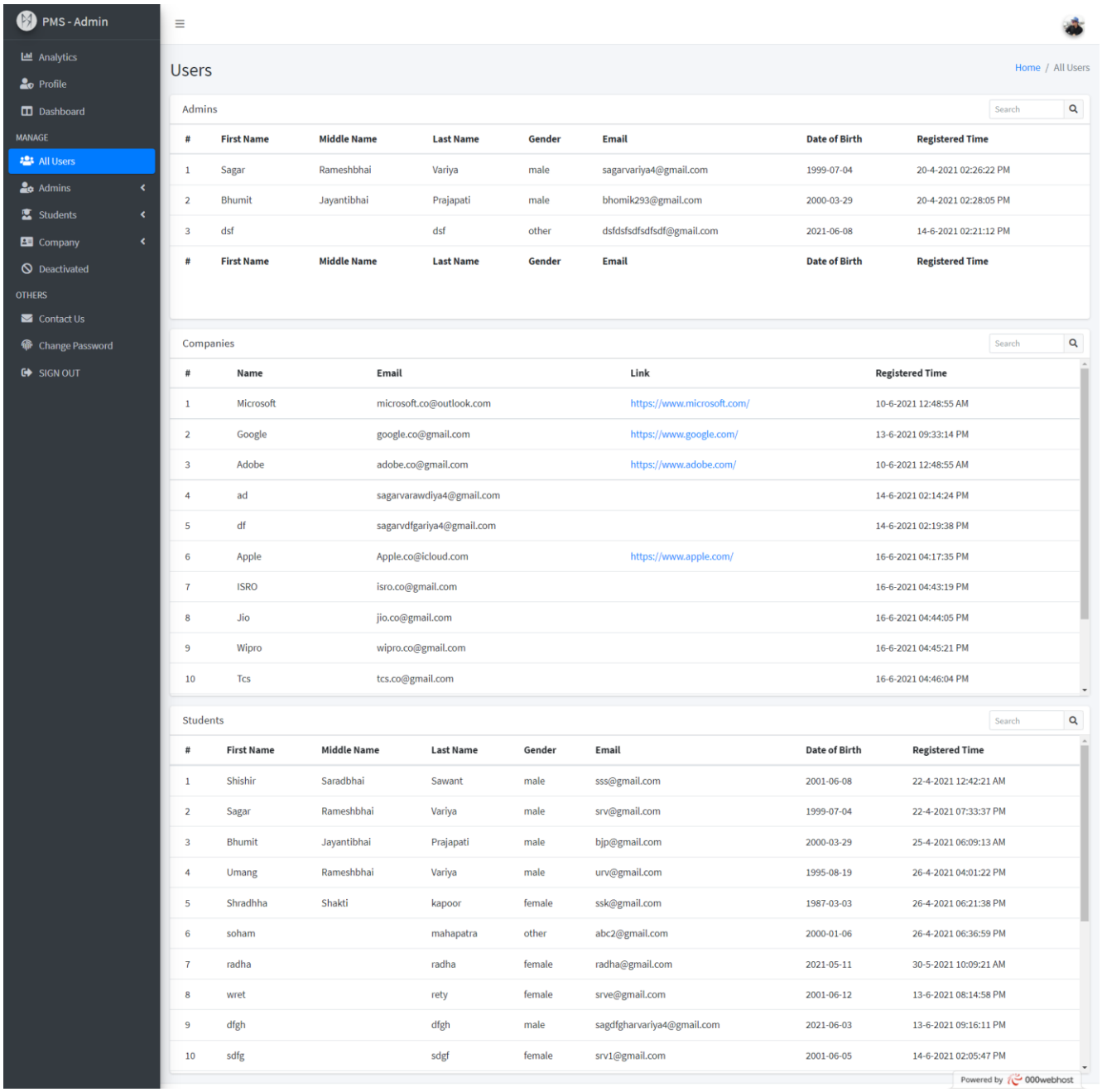

1:03
13%
First Name
Sagar
Middle Name
Rameshbhai
Last Name
Variya
Email
sagarvariya4@gmail.com
Gender
male
Date Of Birth
Powered by 000webhost

26. Admin Analytics




1:04
13%
Database Size
4.81 MB
Media Size
115.4 MB
File Size
121.04 MB
Total PMS Storage
Student Gender Ratio
female
male
other
22.2%
27.8%
50%
Powered by 000webhost

27. Admin view all user



1:04 HD 13%

Home / All Users

Admins

Search

#	First Name	Middle Name	Last Name	Gender	Ema
1	Sagar	Rameshbhai	Variya	male	sag
2	Bhumit	Jayantibhai	Prajapati	male	bho
3	dsf		dsf	other	dsfc
#	First Name	Middle Name	Last Name	Gender	Ema

Companies

Search

#	Name	Email	Link
1	Microsoft	microsoft.co@outlook.com	https://w
2	Google	google.co@gmail.com	https://w
3	Adobe	adobe.co@gmail.com	https://w
4	ad	sagarvarawdiya4@gmail.com	
5	df	sagarvdfgariya4@gmail.com	
6	Apple	Apple.co@icloud.com	https://w

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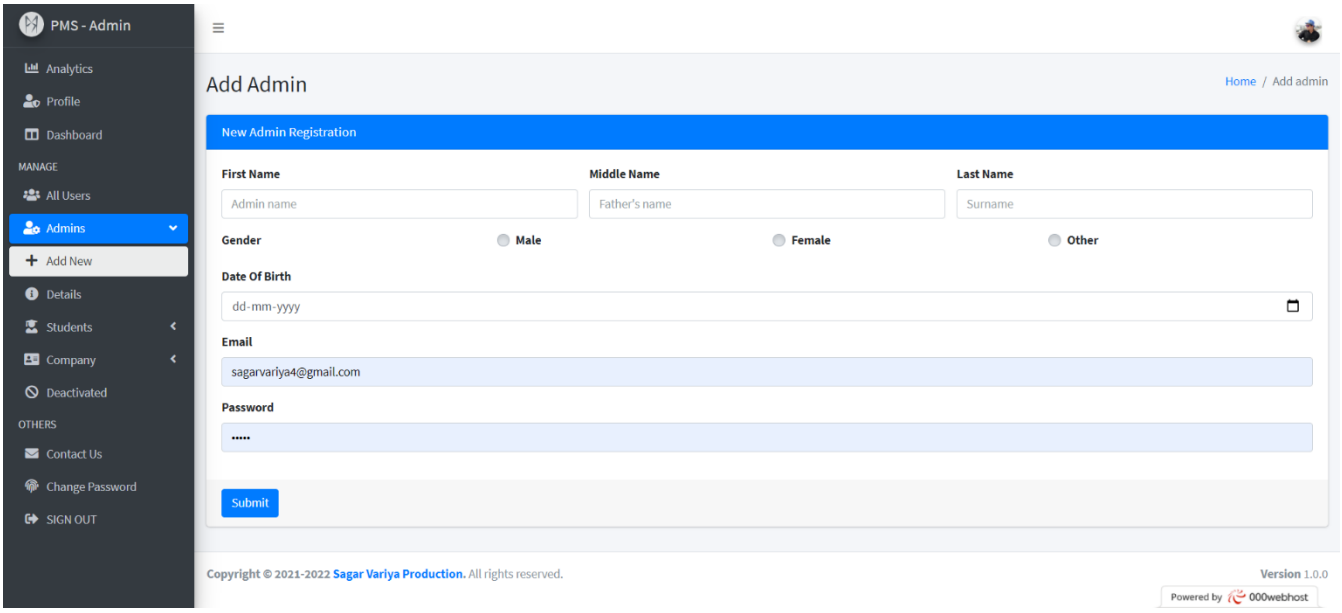
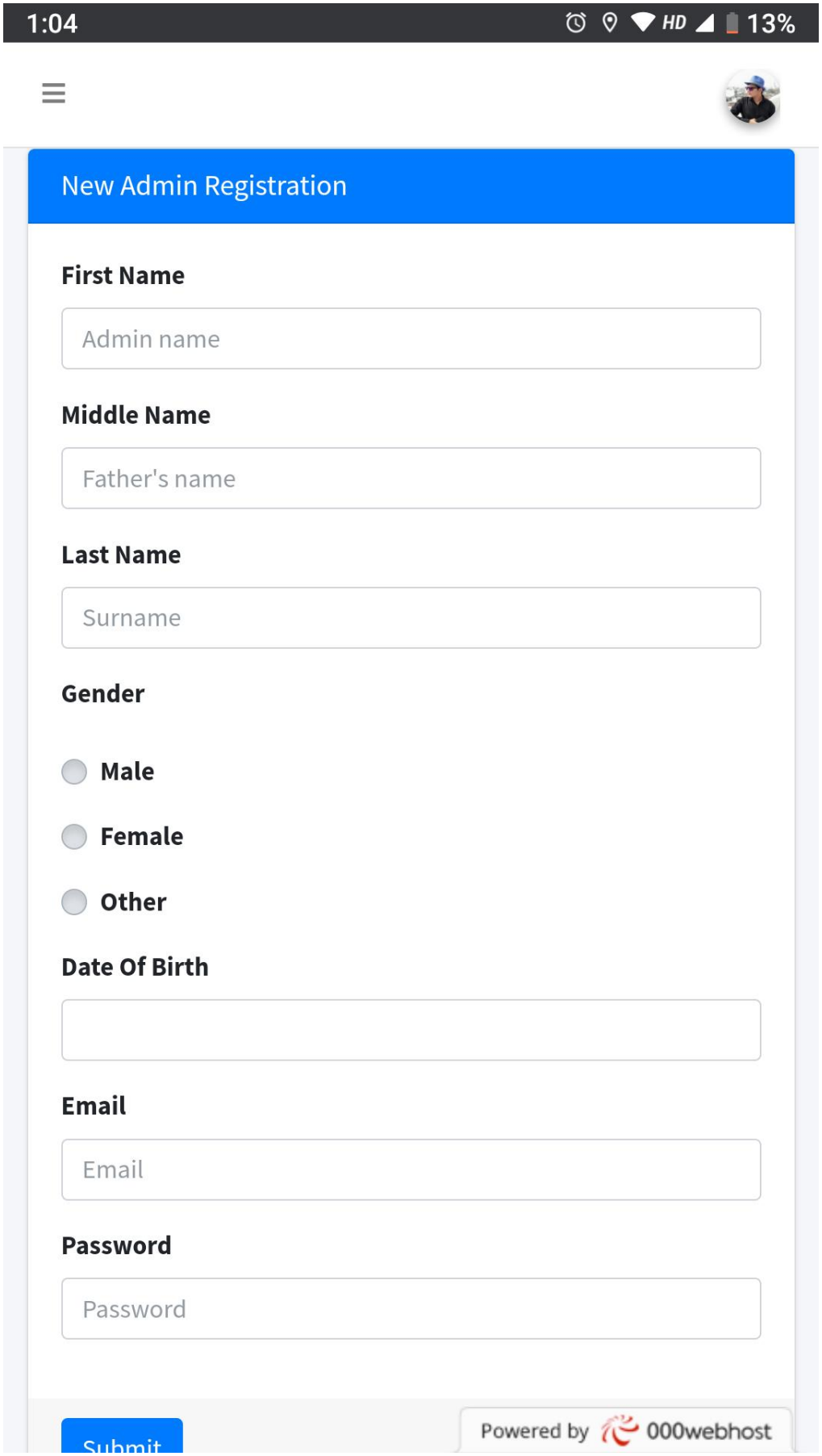
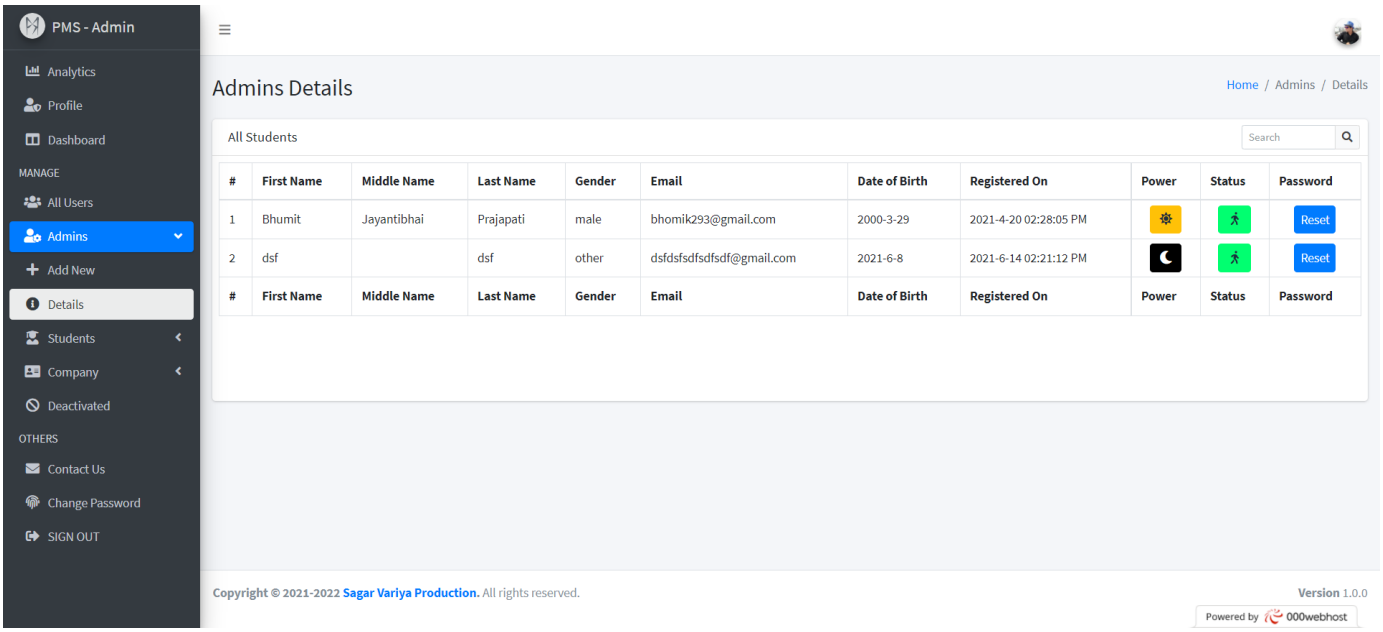
28. Admin add new admin




1:04
HD
13%
New Admin Registration
First Name
Admin name
Middle Name
Father's name
Last Name
Surname
Gender
Male
Female
Other
Date Of Birth
Email
Email
Password
Password
Submit
Powered by 000webhost

29. Admin details



1:04 HD 13%

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Admins Details

Home / Admins / Details

All Students

Search

#	First Name	Middle Name	Last Name	Gender	Em
1	Bhumit	Jayantibhai	Prajapati	male	bhc
2	dsf		dsf	other	dsf
#	First Name	Middle Name	Last Name	Gender	Em

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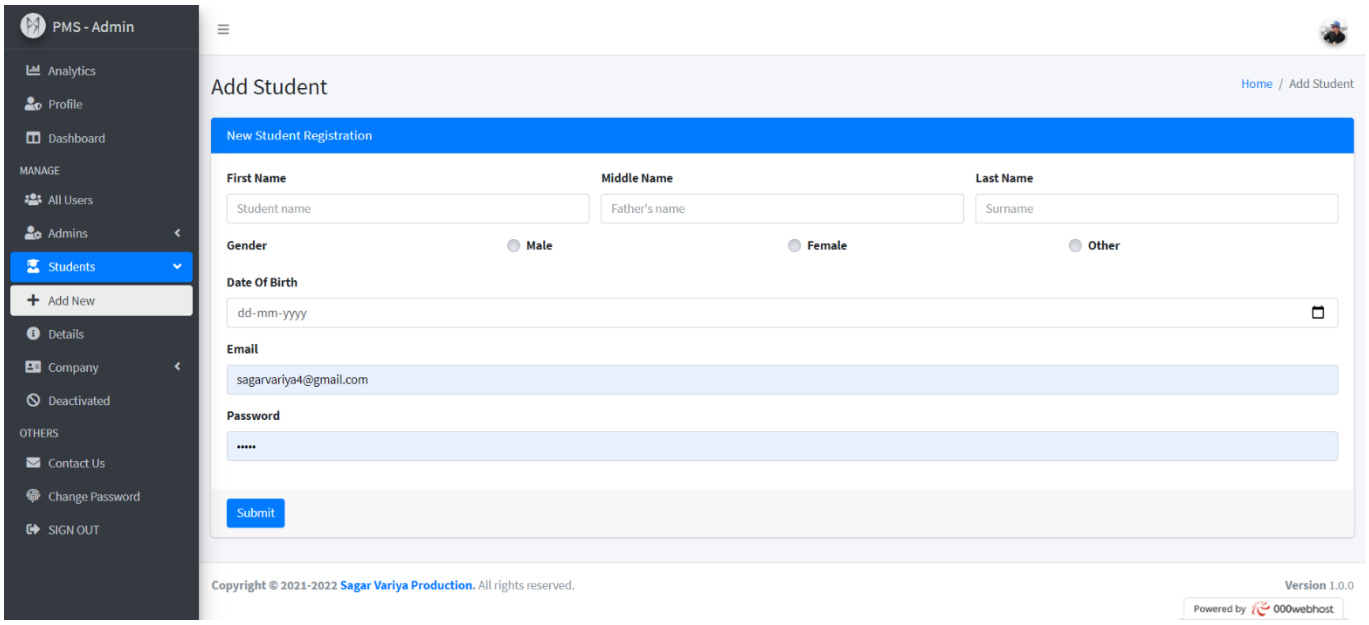
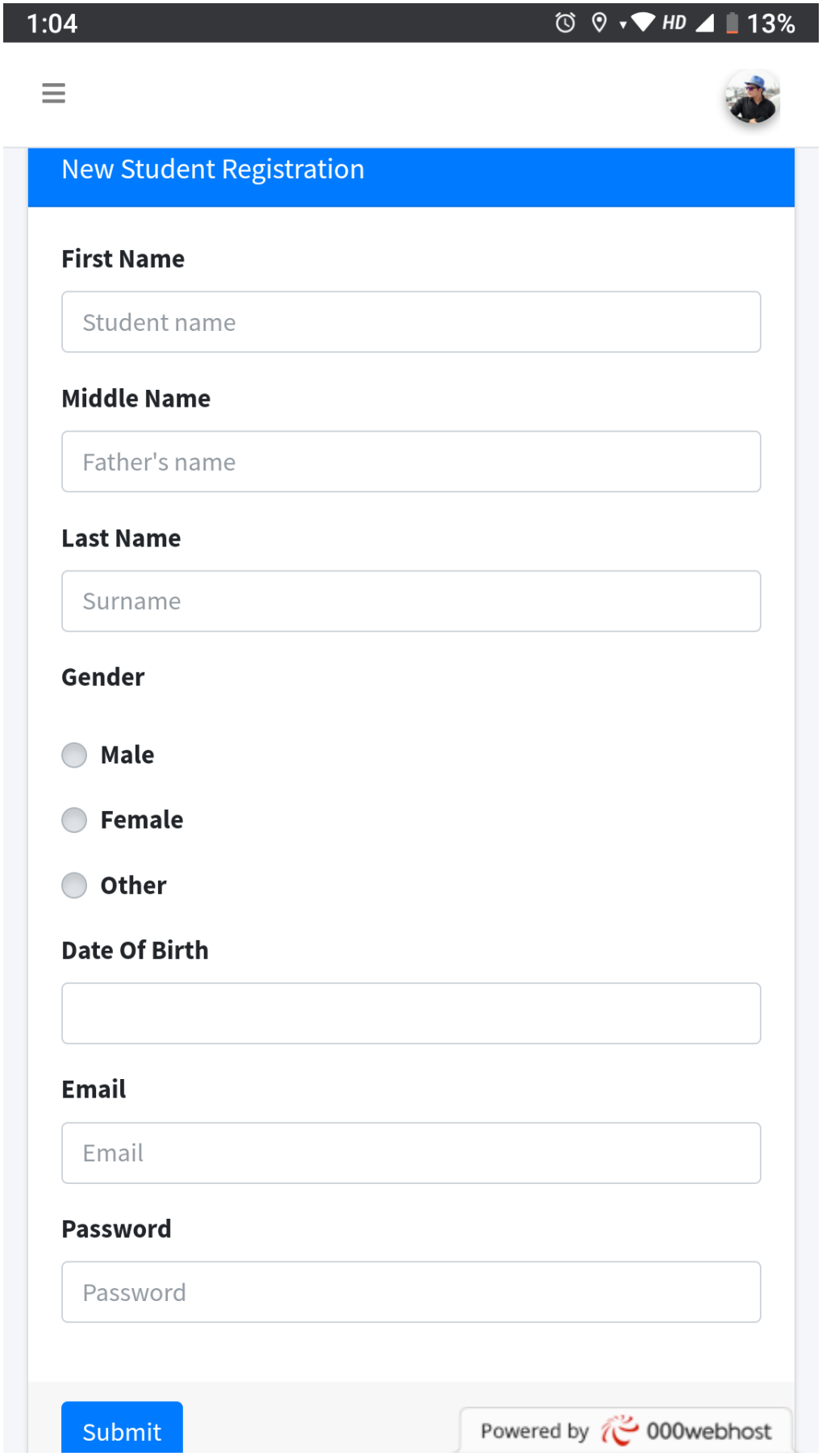
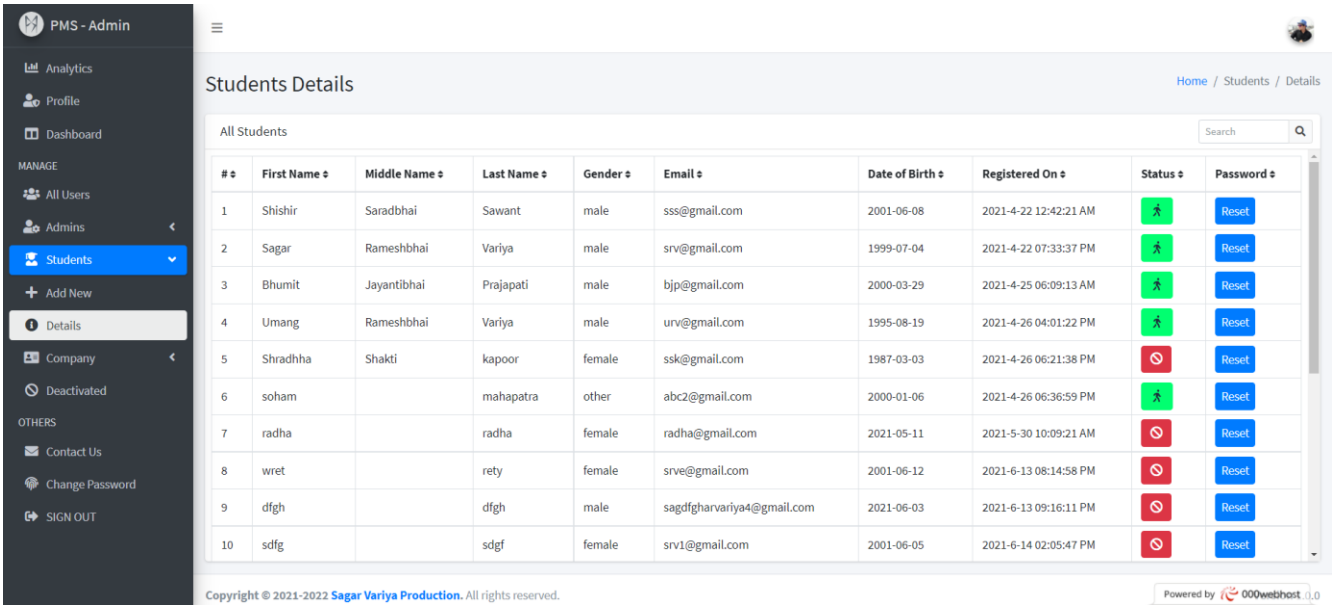
30. Admin add students




1:04
HD
13%
New Student Registration
First Name
Student name
Middle Name
Father's name
Last Name
Surname
Gender
Male
Female
Other
Date Of Birth
Email
Email
Password
Password
Submit
Powered by 000webhost

31. Admin view students details



#	First Name	Middle Name	Last Name	Gender	Email	Date of Birth	Registered On	Status	Password
1	Shishir	Saradbhai	Sawant	male	sss@gmail.com	2001-06-08	2021-4-22 12:42:21 AM		Reset
2	Sagar	Rameshbhai	Variya	male	srv@gmail.com	1999-07-04	2021-4-22 07:33:37 PM		Reset
3	Bhumit	Jayantibhai	Prajapati	male	bjp@gmail.com	2000-03-29	2021-4-25 06:09:13 AM		Reset
4	Umang	Rameshbhai	Variya	male	urv@gmail.com	1995-08-19	2021-4-26 04:01:22 PM		Reset
5	Shradhha	Shakti	kapoor	female	ssk@gmail.com	1987-03-03	2021-4-26 06:21:38 PM		Reset
6	soham		mahapatra	other	abc2@gmail.com	2000-01-06	2021-4-26 06:36:59 PM		Reset
7	radha		radha	female	radha@gmail.com	2021-05-11	2021-5-30 10:09:21 AM		Reset
8	wret		rety	female	srve@gmail.com	2001-06-12	2021-6-13 08:14:58 PM		Reset
9	dfgh		dfgh	male	sagdfgharvariya4@gmail.com	2021-06-03	2021-6-13 09:16:11 PM		Reset
10	sdfg		sdgf	female	srv1@gmail.com	2001-06-05	2021-6-14 02:05:47 PM		Reset

1:05 HD 13%

Students Details

Home / Students / Details

All Students

Search

#	First Name	Middle Name	Last Name	Gender
1	Shishir	Saradbhai	Sawant	male
2	Sagar	Rameshbhai	Variya	male
3	Bhumit	Jayantibhai	Prajapati	male
4	Umang	Rameshbhai	Variya	male
5	Shradhha	Shakti	kapoor	female
6	soham		mahapatra	other
7	radha		radha	female
8	wret		rety	female
9	dfgh		dfgh	male
10	sdfg		sdgf	female

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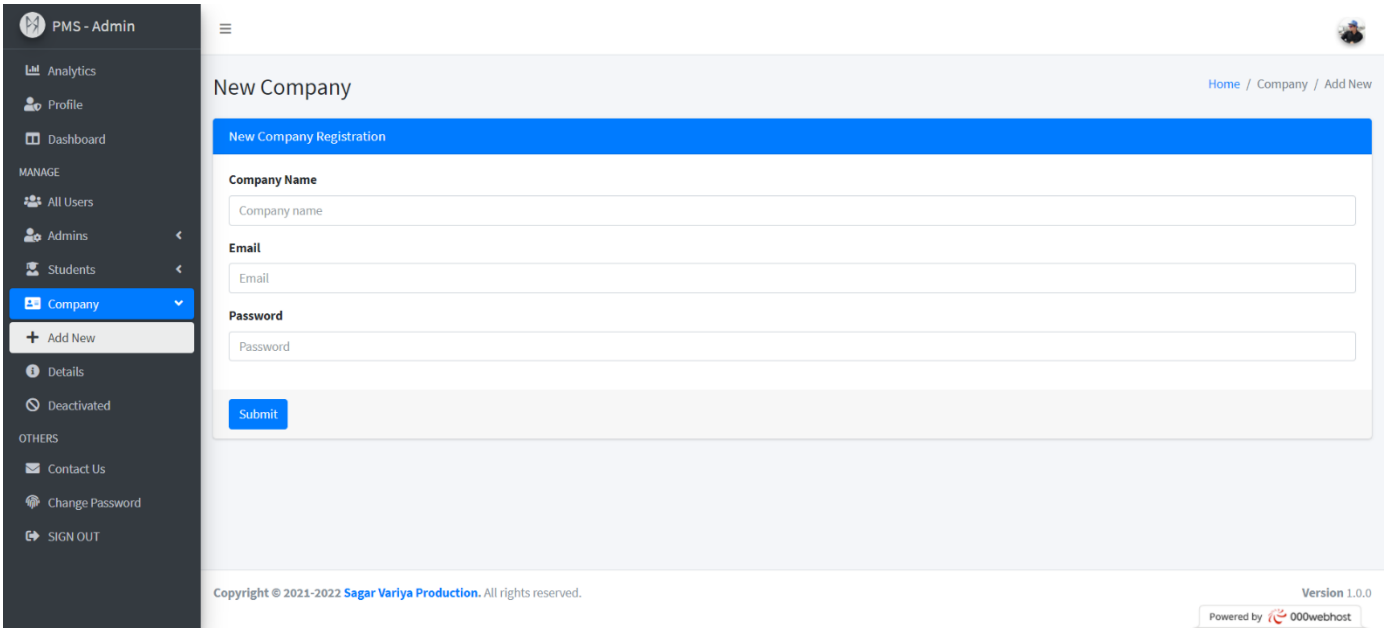
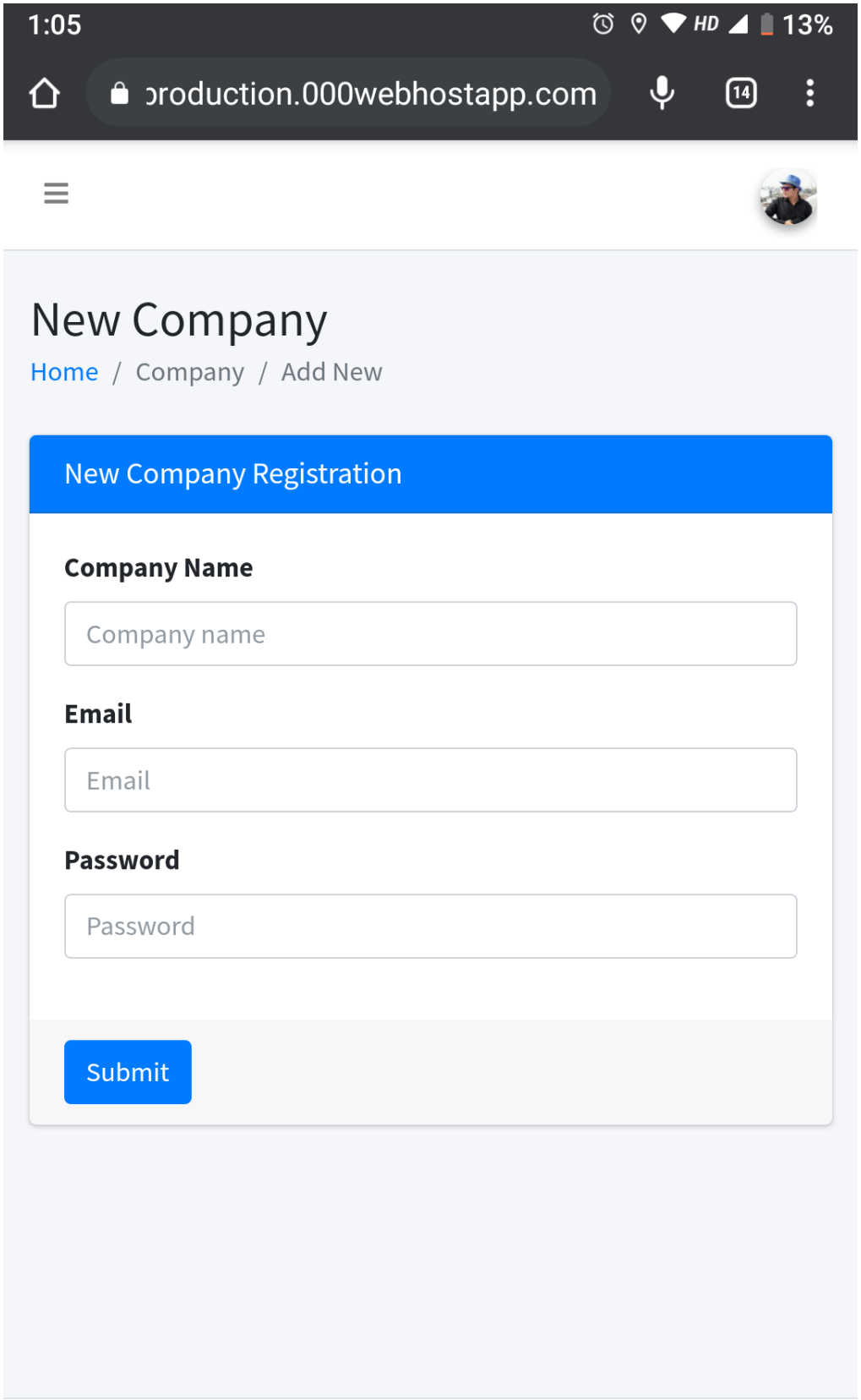
32. Admin add new company




1:05
13%
production.000webhostapp.com
New Company
Home / Company / Add New
New Company Registration
Company Name
Company name
Email
Email
Password
Password
Submit
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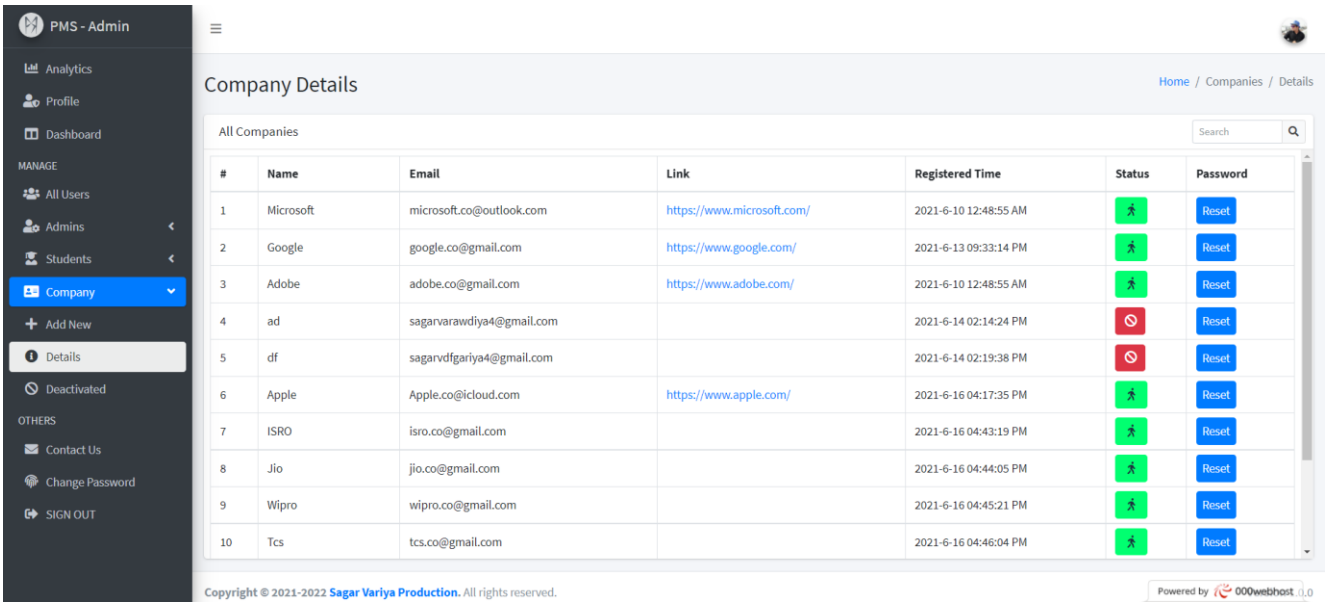
33. Admin view company details



1:05 HD 13%

Company Details

Home / Companies / Details

All Companies

Search

#	Name	Email	Link
1	Microsoft	microsoft.co@outlook.com	https://w
2	Google	google.co@gmail.com	https://w
3	Adobe	adobe.co@gmail.com	https://w
4	ad	sagarvarawdiya4@gmail.com	
5	df	sagarvdfgariya4@gmail.com	
6	Apple	Apple.co@icloud.com	https://w
7	ISRO	isro.co@gmail.com	
8	Jio	jio.co@gmail.com	
9	Wipro	wipro.co@gmail.com	
10	Tcs	tcs.co@gmail.com	

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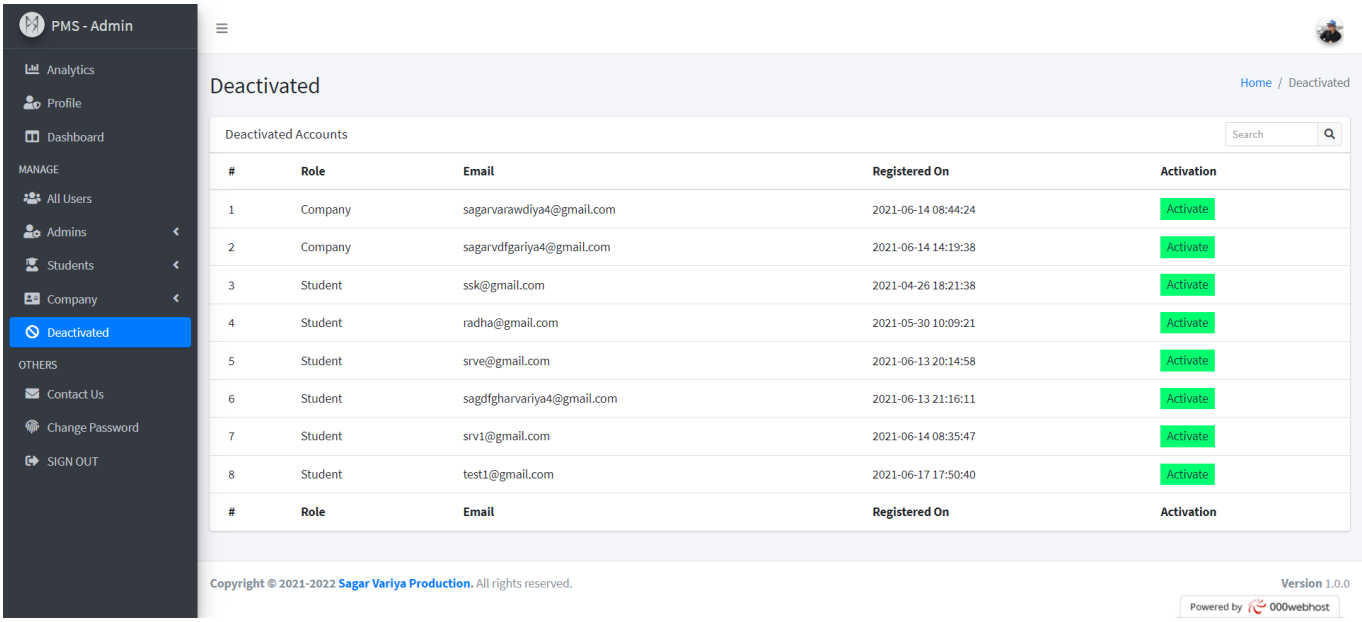
34. Deactivated accounts



1:05 HD 13%

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Deactivated

Home / Deactivated

Deactivated Accounts

Search

#	Role	Email	Registered On
1	Company	sagarvarawdiya4@gmail.com	2021-06-14 08:4
2	Company	sagarvdfgariya4@gmail.com	2021-06-14 14:1
3	Student	ssk@gmail.com	2021-04-26 18:2
4	Student	radha@gmail.com	2021-05-30 10:0
5	Student	srve@gmail.com	2021-06-13 20:1
6	Student	sagdfgharvariya4@gmail.com	2021-06-13 21:1
7	Student	srv1@gmail.com	2021-06-14 08:3
8	Student	test1@gmail.com	2021-06-17 17:5
#	Role	Email	Registered On

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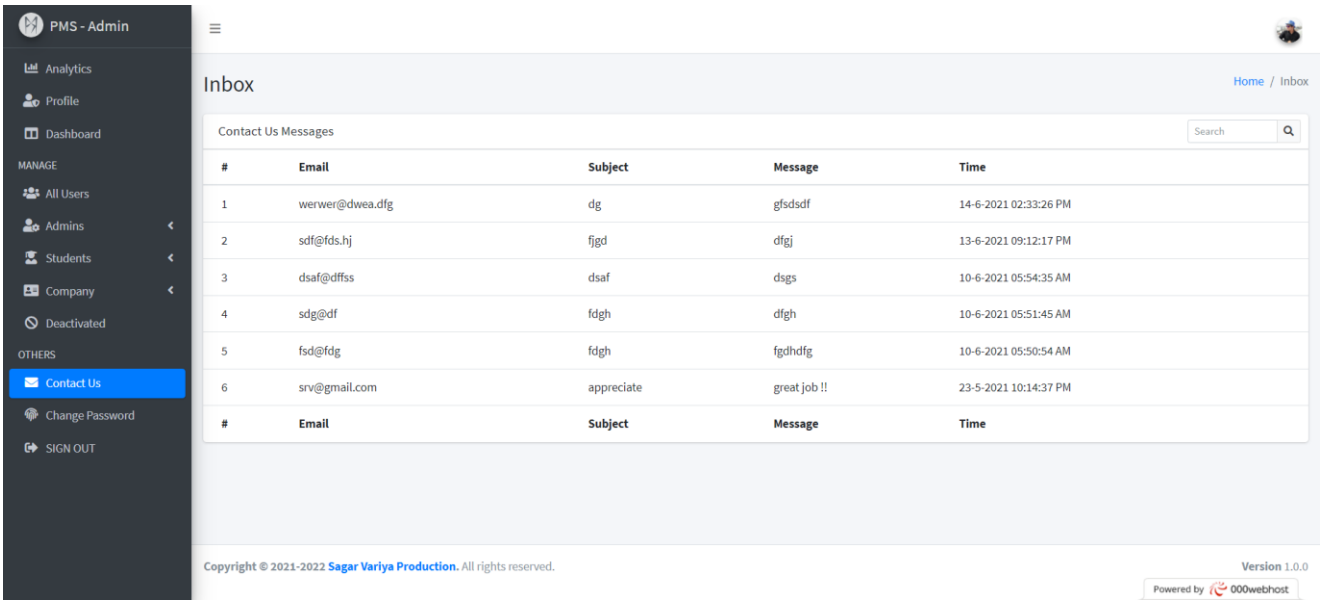
35. Contact us



1:05 HD 13%

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Inbox

Home / Inbox

Contact Us Messages

Search

#	Email	Subject	Message	Time
1	werwer@dwea.dfg	dg	gfsdsdf	14-6-2021 0
2	sdf@fds.hj	fjgd	dfgj	13-6-2021 0
3	dsaf@dffss	dsaf	dsgs	10-6-2021 0
4	sdg@df	fdgh	dfgh	10-6-2021 0
5	fsd@fdg	fdgh	fgdhdfg	10-6-2021 0
6	srv@gmail.com	appreciate	great job !!	23-5-2021 1
#	Email	Subject	Message	Time

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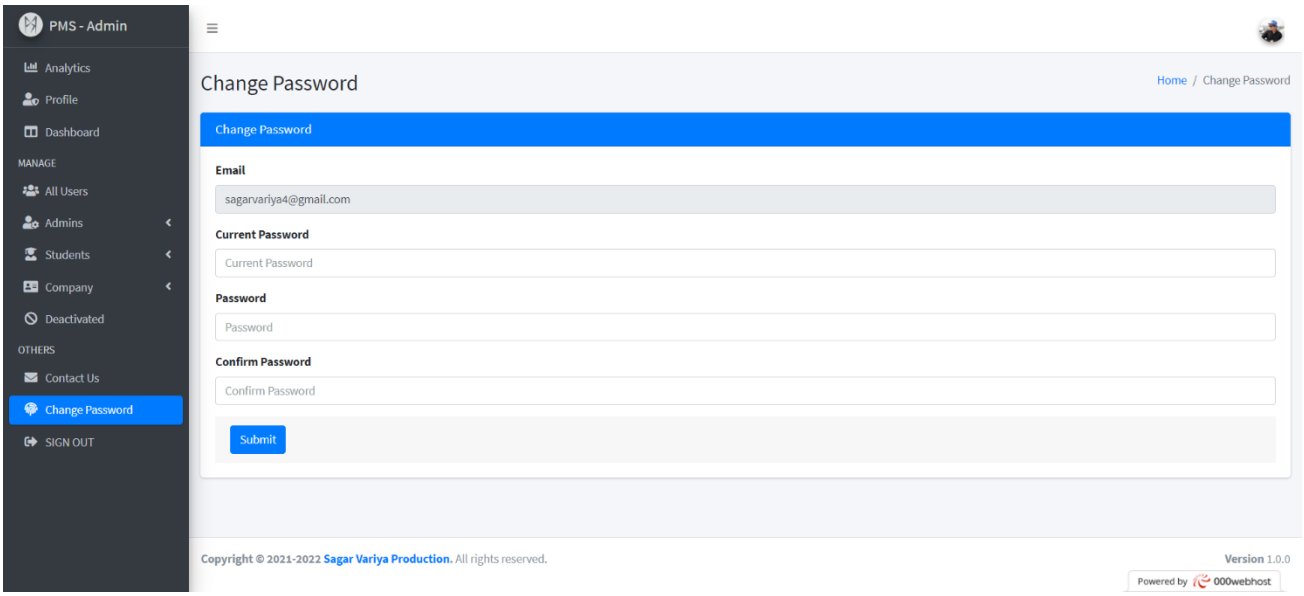
36. Admin Change password



1:05 HD 13%

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Change Password

Home / Change Password

Change Password

Email

sagarvariya4@gmail.com

Current Password

Current Password

Password

Password

Confirm Password

Confirm Password

Submit

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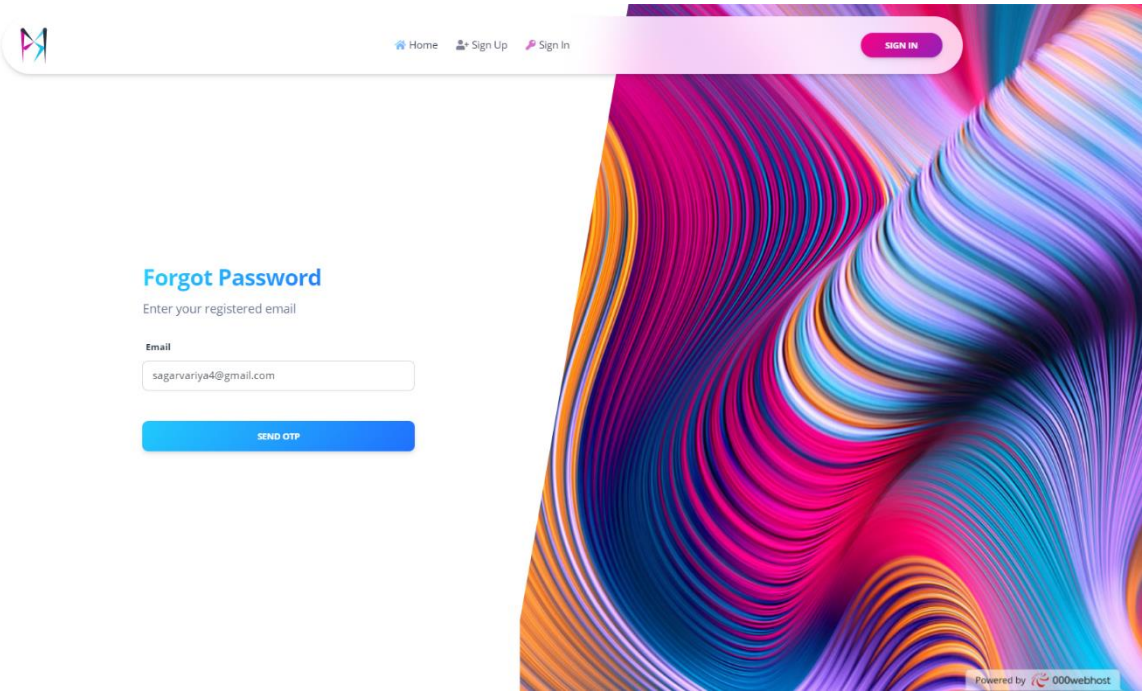
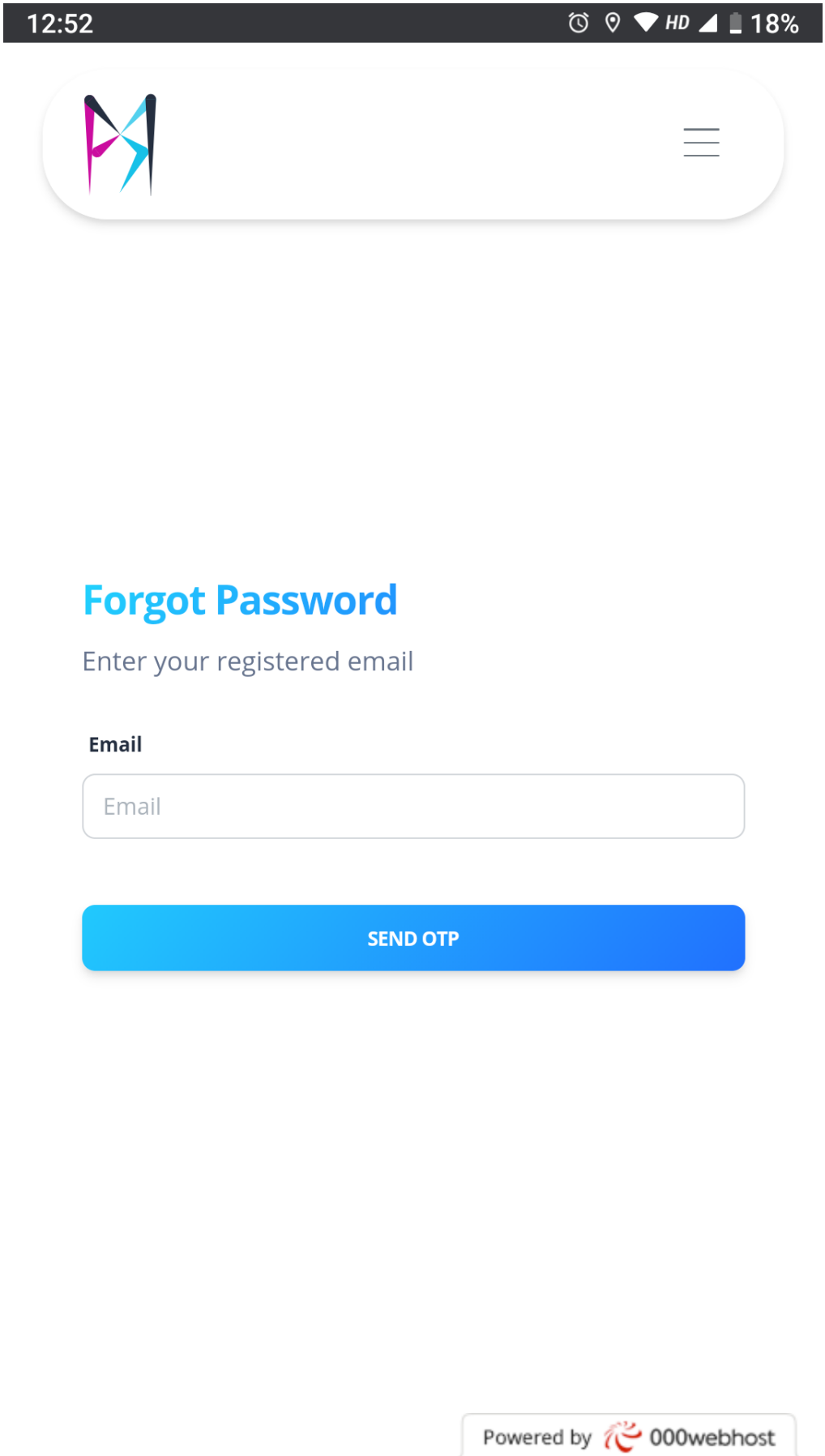
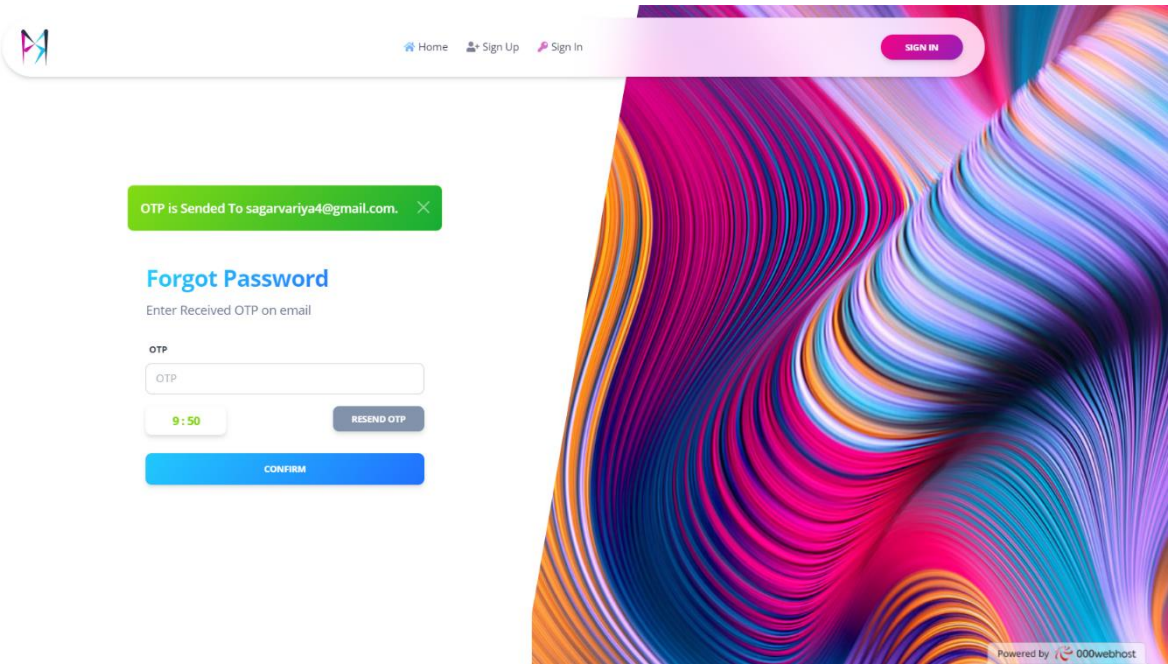
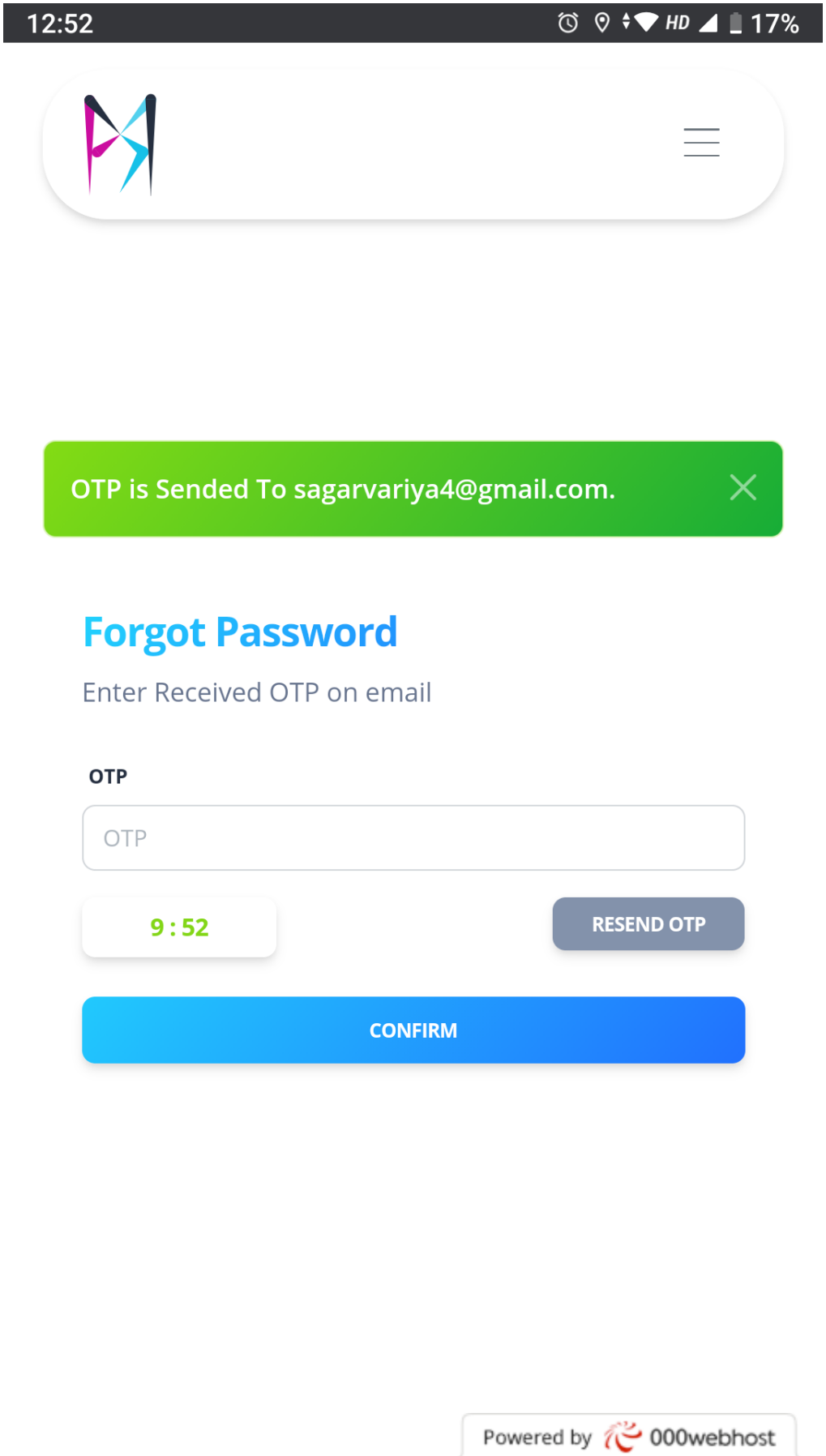
37. Forgot password



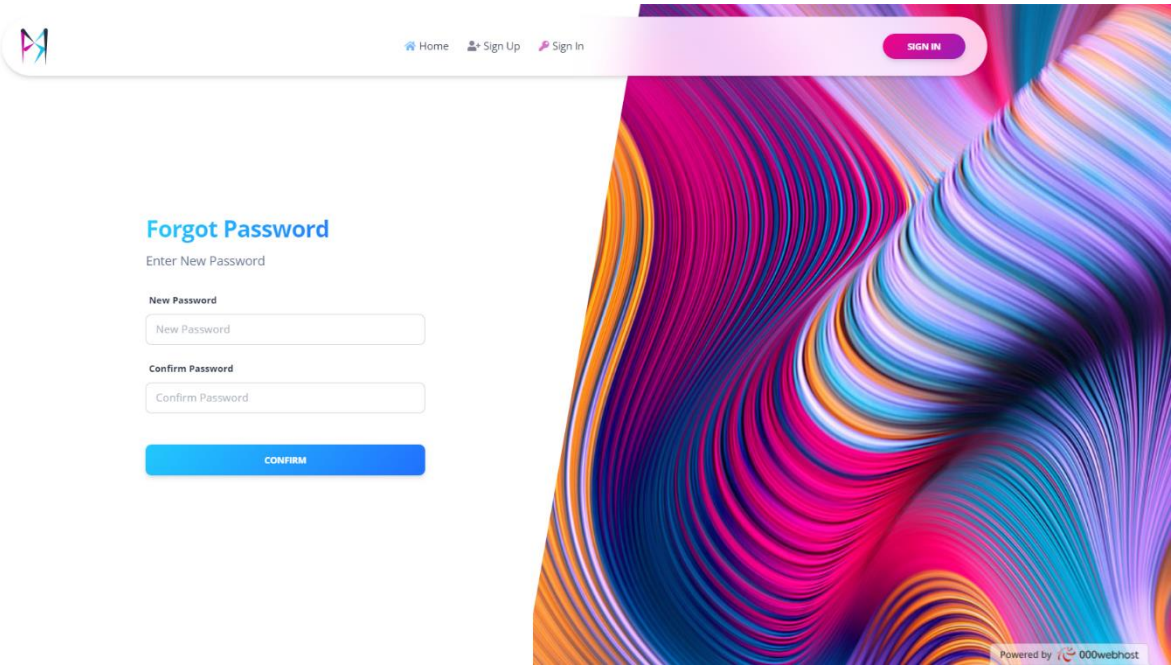

12:52
HD
18%
Forgot Password
Enter your registered email
Email
Email
SEND OTP
Powered by 000webhost

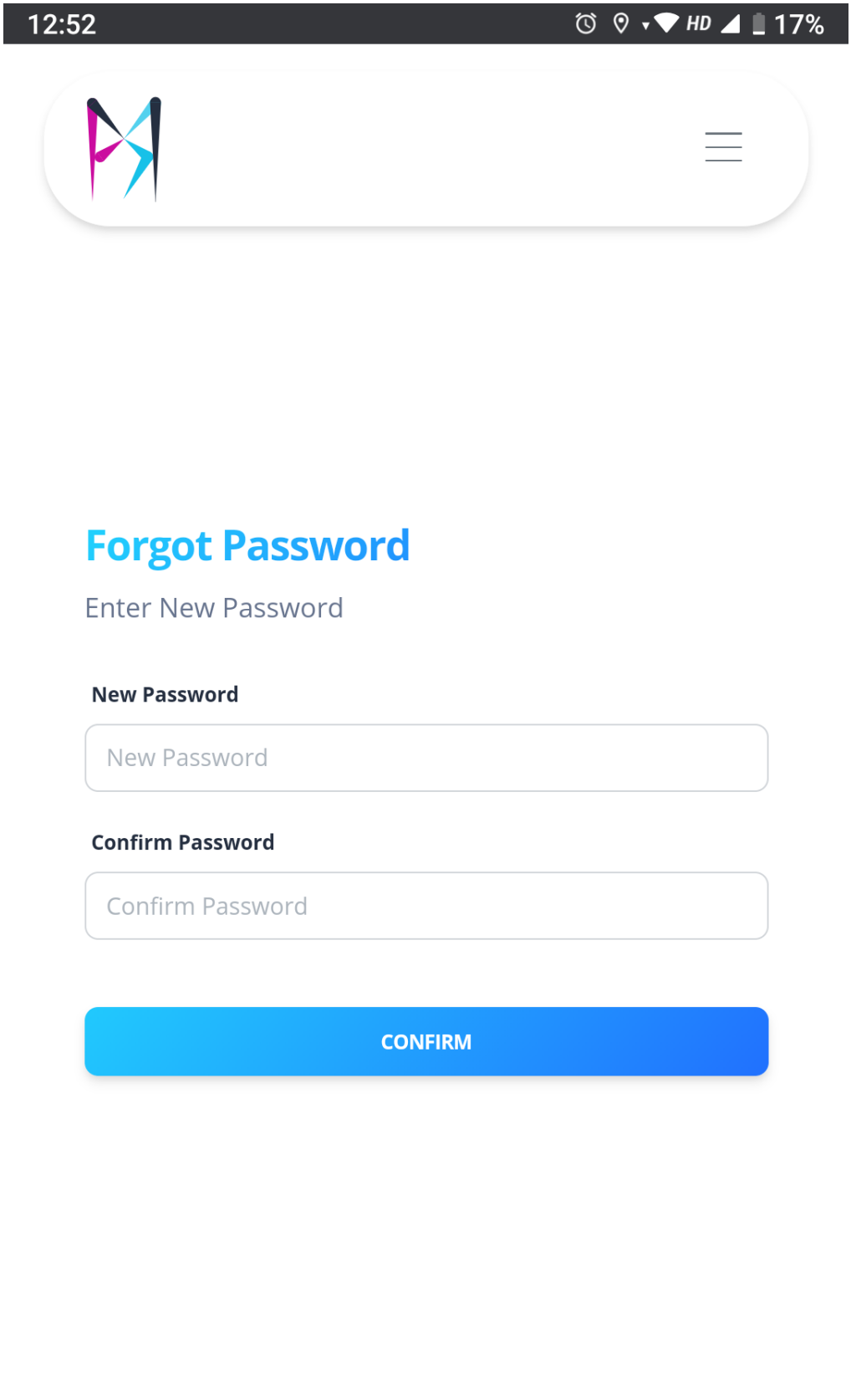
38. OTP


Home
Sign Up
Sign In
SIGN IN
OTP is Sended To sagarvariya4@gmail.com.
Forgot Password
Enter Received OTP on email
OTP
OTP
9 : 50
RESEND OTP
CONFIRM
Powered by 000webhost


12:52
HD
17%
OTP is Sended To sagarvariya4@gmail.com.
Forgot Password
Enter Received OTP on email
OTP
OTP
9 : 52
RESEND OTP
CONFIRM
Powered by 000webhost

39. New password




12:52
HD
17%
Forgot Password
Enter New Password
New Password
New Password
Confirm Password
Confirm Password
CONFIRM
Powered by 000webhost

Testing:

4.1. Unit testing:

- A unit is the smallest testable part of software. It usually has one or a fewinputs and usually a single input.
- In procedural programming a unit may be an individual program, function,procedure, etc.
- In object-oriented programming, the smallest unit is a method which to abase/super class, abstract class or derived/child class.
- Some treat a module of an application as a unit.
- This is to be discouraged as there will probably be many individual unitswithin that module.
- Unit testing is the first level of testing and is performed prior to IntegrationTesting.

Test cases:

Table Name: Login for all

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1.	Email	A@b.abc	Valid	No Error	No error message generated because it will be enter in proper format.
		NULL	Invalid	Error	Mandatory Field
2.	Password	123, abc, @	valid	No Error	No error message will be generated
		NULL	Invalid	Error	Mandatory Field.
3.	Check response when valid email and password is entered	Email: A@b.abc Password: abc@123	Valid	No Error	Login successful
4.	Check response when invalid email and password is entered	Email: A@b.abc Password: abc@	Invalid	Error	Invalid email or password.

Table Name: Sign up (Registration)

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	First name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
2		Null	Invalid	Error	Mandatory Field.
3	Last name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
4		Null	Invalid	Error	Mandatory Field.
5	Gender	Radio button selection	Valid	No error	No error message generated because it will be enter proper value.
6		Empty radio button	Invalid	Error	Mandatory Field.
7	Date of birth	Mm/dd/yyyy	valid	No error	No error message generated because it will be enter proper value.
8	Phone number	1234567891 (10 digits)	Valid	No error	No error message generated because it will be enter in proper formate.
9		123456	Invalid	Error	Mandatory Field.

10	Email	A@b.abc	Valid	No Error	No error message generated because it will be enter in proper format.
		NULL	Invalid	Error	Mandatory Field
11	Password	123, abc, @	valid	No Error	No error message generated because it will be enter in proper format.
		NULL	Invalid	Error	Mandatory Field
12	Confirm password	Same as password	valid	No Error	No error message generated because it will be enter in proper format.
			Invalid	Error	Mandatory Field
13	Check response when valid information is submit	All above information	Valid	No Error	No error message generated because it will be enter in proper format.
	Check response when invalid information is submit	null	Invalid	Error	Please insert all the required fields with proper values to create an account.

Table Name: Students / Profile / user information

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	First name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
2		Null	Invalid	Error	Mandatory Field.
3	Last name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
4		Null	Invalid	Error	Mandatory Field.
5	Gender	Radio button selection	Valid	No error	No error message generated because it will be enter proper value.
6		Empty radio button	Invalid	Error	Mandatory Field.
7	Date of birth	Mm/dd/yyyy	valid	No error	No error message generated because it will be enter proper value.
8	Check response when valid information is submit	All above information	Valid	No Error	User information Your account has been updated successfully

9	Check response when invalid information is submit	null	Invalid	Error	User information Please insert all the required fields with proper values to update an account.

Table Name: Profile/Contact

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Phone number	1234567891 (10 digits)	Valid	No error	No error message generated because it will be enter in proper formate.
		123456	Invalid	Error	Mandatory Field.
2	Check response when valid information is submit	All above information	Valid	No Error	Contact Your account has been updated successfully
	Check response when invalid information is submit	null	Invalid	Error	Contact Please insert all the required fields with proper values to update an account.

Table Name: Profile/Address

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Address	1, abc	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	Error	Mandatory Field.
2	Locality	Abc	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	Error	Mandatory Field.
3	City / Town / Village	Abc	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	error	Mandatory Field.
4	District	Abc	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	error	Mandatory Field.
5	Pin code	123456 (only 6 digit)	Valid	No error	No error message generated because it will be enter in proper

					formate.
		null	Invalid	error	Mandatory Field.
6	State	Drop down section	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	error	Mandatory Field.
7	Country	Abc	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	error	Mandatory Field.
8	Check response when valid information is submit	All above information	Valid	No Error	Address Your account has been updated successfully
	Check response when invalid information is submit	null	Invalid	Error	Address please insert all the required fields with proper values to update an account.

Table Name: Profile / Percentages

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	10th Aggregate Percentage	11.00	Valid	No Error	No error message generated because it will be enter in proper format.

		Null	Invalid	Error	Mandatory Field.
2	12th Aggregate Percentage	11.00	Valid	No Error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
3	Check response when valid information is submit	All above information	Valid	No Error	Percentages Your account has been updated successfully
	Check response when invalid information is submit	null	Invalid	Error	Percentages please insert all the required fields with proper values to update an account.

Table Name: Profile/Highest academic qualifying degree

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Degree / Diploma	Abc.	Valid	No Error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
2	Discipline	Abc.	Valid	No Error	No error message generated because it will be enter in proper format.

		Null	Invalid	Error	Mandatory Field.
3	University / Institute	Abc.	Valid	No Error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
4	City	Abc	Valid	No Error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
5	State	Drop down section	Valid	No error	No error message generated because it will be enter in proper formate.
		Null	Invalid	error	Mandatory Field.
6	Month & Year (Obtained/Expected)	Mm/dd/yyyy	Valid	No Error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
7	Latest cumulative percentage / cgpa	Radio button selected	Valid	No Error	No error message generated because it will be enter in proper format.
		null	Invalid	Error	Mandatory Field.
8	Check response	All above	Valid	No Error	Highest

	when valid information is submit	information			academic qualifying degree Your account has been updated successfully
	Check response when invalid information is submit	null	Invalid	Error	Highest academic qualifying degree please insert all the required fields with proper values to update an account.

Table Name: Student / Profile

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Cover picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it will be enter in proper format.
	Cover picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.
2	Profile picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it will be enter in proper format.
	Profile picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.

Table Name: **Student / Change password**

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Current Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
2	New Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
3	Confirm Password	Same as a new password	Valid	No error	No error message generated because it will be enter in proper format.
			Invalid	Error	Mandatory Field.
4	Check response when valid information is submit		Valid	No error	Password has been change successfully.
	Check response when invalid information is submit		Invalid	Error	Current password is wrong.

Table Name: Company / profile / company information:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Company name	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Company name	Null	Invalid	Error	Mandatory Field.
2	Company link	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Company link	Null	Invalid	Error	Please insert all the required fields with proper values to update an account.
3	Check response when valid information is submit	Click on submit button.	Valid	No error	Your account has been updated successfully.
	Check response when invalid information is submit	Click on submit button.	Invalid	Error	Please insert all the required fields with proper values to update an account.

Table Name: Company / profile /About:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Description	abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Description	null	Invalid	error	Please insert all the required fields with proper values to update an account.
2	Check response when valid information is submit	Click on submit button.	Valid	No error	Your account has been updated successfully.
	Check response when invalid information is submit	Click on submit button.	Invalid	Error	Please insert all the required fields with proper values to update an account.

Table Name: Company / profile:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Cover picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it

					will be enter in proper format.
	Cover picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.
2	Profile picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it will be enter in proper format.
	Profile picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.

Table Name: Company / Requirements / View all / Edit:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Requirement name	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement name	Null	Invalid	error	Please fill out this field.
2	Requirement post	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement post	Null	Invalid	error	Please fill out this field.
3	Requirement description	Abc1#	Valid	No error	No error message

					generated because it will be enter in proper format.
	Requirement description	Null	Invalid	error	Please fill out this field.
4	Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	Percentage	Null	Invalid	error	Please fill out this field. Or Value must be less than or equal to 100.
5	CGPA	0.00	Valid	No error	No error message generated because it will be enter in proper format.
	CGPA	Null	Invalid	Error	Please fill out this field. Or Value must be greater than or equal to 3.
6	12th Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	12th Percentage	Null	Invalid	Error	Please fill out this field. Or Value must

					be less than or equal to 100.
7	Min Salary	1234	Valid	No error	No error message generated because it will be enter in proper format.
	Min Salary	null	Invalid	Error	Please fill out this field.
8	Vacancy	123	Valid	No error	No error message generated because it will be enter in proper format.
	Vacancy	Null	Invalid	Error	Please fill out this field.
9	Last date	Mm/dd/yyyy	Valid	No error	No error message generated because it will be enter in proper format.
	Last date	Null	Invalid	Error	Please fill out this field.
10	Exam date and time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam date and time	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date

11	Exam end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam end	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
12	Interview Date-time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
13	Interview end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
14	Check response when valid information is submit	Click on submit button.	valid	No error	Requirement had been updated successfully

Table Name: Company / Requirements / Exams:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Exam date and time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam date and time	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
2	Exam end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam end	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
3	Check response when valid information is submit	Click on submit button.	valid	No error	Requirement had been updated successfully

Table Name: Company / Requirements /interview:

Sr.no	Input Field	Input Value	Valid /	For Valid	For Invalid

			Invalid	Value	Value
1	Interview Date-time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Interview Date-time	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
2	Interview end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Interview end	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
3	Check response when valid information is submit	Click on submit button.	valid	No error	Requirement had been updated successfully

Table Name: Company / Requirements /New:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Requirement name	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.

	Requirement name	Null	Invalid	error	Please fill out this field.
2	Requirement post	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement post	Null	Invalid	error	Please fill out this field.
3	Requirement description	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement description	Null	Invalid	error	Please fill out this field.
4	Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	Percentage	Null	Invalid	error	Please fill out this field. Or Value must be less than or equal to 100.
5	CGPA	0.00	Valid	No error	No error message generated because it will be enter in proper format.
	CGPA	Null	Invalid	Error	Please fill out this field. Or Value must be greater than or

					equal to 3.
6	12th Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	12th Percentage	Null	Invalid	Error	Please fill out this field. Or Value must be less than or equal to 100.
7	Min Salary	1234	Valid	No error	No error message generated because it will be enter in proper format.
	Min Salary	null	Invalid	Error	Please fill out this field.
8	Vacancy	123	Valid	No error	No error message generated because it will be enter in proper format.
	Vacancy	Null	Invalid	Error	Please fill out this field.
9	Last date	Mm/dd/yyyy	Valid	No error	No error message generated because it will be enter in proper format.
	Last date	Null	Invalid	Error	Please fill out this field.
10	Exam date and	Mm/dd/yyyy	Valid	No error	No error

	time (Expected)	00:00 am/pm			message generated because it will be enter in proper format.
	Exam date and time (Expected)	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
11	Exam end (Expected)	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam end (Expected)	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
12	Interview Date-time (Expected)	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Interview Date-time (Expected)	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
13	Interview end (Expected)	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.

	Interview end (Expected)	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
14	Check response when valid information is submit	Click on submit button.	valid	No error	Requirement had been updated successfully

Table Name: Company / Change password:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Current Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Wrong current password
2	New Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
3	Confirm Password	Same as a new password	Valid	No error	No error message generated because it will be enter in proper format.
			Invalid	Error	Mandatory Field.
4	Check		Valid	No error	Password

	response when valid information is submit				has been change successfully.
	Check response when invalid information is submit		Invalid	Error	Current password is wrong.

Table Name: Admin / Profile:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Cover picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it will be enter in proper format.
	Cover picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.
2	Profile picture	Choose file selected (jpg, png, jpeg, gif)	Valid	No error	No error message generated because it will be enter in proper format.
	Profile picture	Choose file selected (jpg, png, jpeg, gif)			Default picture.

Table Name: **Admin / Profile / Edit profile:**

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	First name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
2		Null	Invalid	Error	Mandatory Field.
3	Last name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
4		Null	Invalid	Error	Mandatory Field.
5	Gender	Radio button selection	Valid	No error	No error message generated because it will be enter proper value.
6		Empty radio button	Invalid	Error	Mandatory Field.
7	Date of birth	Mm/dd/yyyy	valid	No error	No error message generated because it will be enter proper value.
8	Check response when valid information is submit	All above information	Valid	No Error	User information Your account has been updated successfully
9	Check response when invalid information is submit	null	Invalid	Error	User information Please insert all the required fields with proper values to update an account.

Table Name: Admin / Dashboard / Edit:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Requirement name	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement name	Null	Invalid	error	Please fill out this field.
2	Requirement post	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement post	Null	Invalid	error	Please fill out this field.
3	Requirement description	Abc1#	Valid	No error	No error message generated because it will be enter in proper format.
	Requirement description	Null	Invalid	error	Please fill out this field.
4	Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	Percentage	Null	Invalid	error	Please fill out this field. Or Value must be less than or equal to 100.

5	CGPA	0.00	Valid	No error	No error message generated because it will be enter in proper format.
	CGPA	Null	Invalid	Error	Please fill out this field. Or Value must be greater than or equal to 3.
6	12th Percentage	10.00	Valid	No error	No error message generated because it will be enter in proper format.
	12th Percentage	Null	Invalid	Error	Please fill out this field. Or Value must be less than or equal to 100.
7	Min Salary	1234	Valid	No error	No error message generated because it will be enter in proper format.
	Min Salary	null	Invalid	Error	Please fill out this field.
8	Vacancy	123	Valid	No error	No error message generated because it will be enter in proper format.

	Vacancy	Null	Invalid	Error	Please fill out this field.
9	Last date	Mm/dd/yyyy	Valid	No error	No error message generated because it will be enter in proper format.
	Last date	Null	Invalid	Error	Please fill out this field.
10	Exam date and time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam date and time	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
11	Exam end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Exam end	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
12	Interview Date-time	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.

	Interview Date-time	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
13	Interview end	Mm/dd/yyyy 00:00 am/pm	Valid	No error	No error message generated because it will be enter in proper format.
	Interview end	Null	Invalid	Error	Please fill out this field. The field his incomplete or has an invalid date
14	Check response when valid information is submit	Click on submit button.	valid	No error	Requirement had been updated successfully

Table Name: Admin / Admin / Add new:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	First name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
2		Null	Invalid	Error	Mandatory Field.
3	Last name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
4		Null	Invalid	Error	Mandatory Field.

5	Gender	Radio button selection	Valid	No error	No error message generated because it will be enter proper value.
6		Empty radio button	Invalid	Error	Mandatory Field.
7	Date of birth	Mm/dd/yyyy	valid	No error	No error message generated because it will be enter proper value.
8	Email	A@b.abc	Valid	No Error	No error message generated because it will be enter in proper format.
	Email	NULL	Invalid	Error	Mandatory Field
9	Password	123, abc, @	valid	No Error	No error message will be generated
	Password	NULL	Invalid	Error	Mandatory Field.
10	Check response when valid information is submit	All above information	Valid	No Error	Admin account has been created successfully.
10	Check response when invalid information is submit	null	Invalid	Error	Please insert all the required fields with proper values to create an account.

Table Name: Admin / Students / Add new:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	First name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
2		Null	Invalid	Error	Mandatory Field.
3	Last name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
4		Null	Invalid	Error	Mandatory Field.
5	Gender	Radio button selection	Valid	No error	No error message generated because it will be enter proper value.
6		Empty radio button	Invalid	Error	Mandatory Field.
7	Date of birth	Mm/dd/yyyy	valid	No error	No error message generated because it will be enter proper value.
8	Email	A@b.abc	Valid	No Error	No error message generated because it will be enter in proper format.
	Email	NULL	Invalid	Error	Mandatory Field
9	Password	123, abc, @	valid	No Error	No error message will be generated
	Password	NULL	Invalid	Error	Mandatory Field.

10	Check response when valid information is submit	All above information	Valid	No Error	Student account has been created successfully.
10	Check response when invalid information is submit	null	Invalid	Error	Please insert all the required fields with proper values to create an account.

Table Name: Admin / company / Add new:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Company name	Abc1@	Valid	No error	No error message generated because it will be enter proper value.
	Company name	Null	Invalid	Error	Mandatory Field.
3	Email	A@b.abc	Valid	No Error	No error message generated because it will be enter in proper format.
	Email	NULL	Invalid	Error	Mandatory Field
4	Password	123, abc, @	valid	No Error	No error message will be generated
	Password	NULL	Invalid	Error	Mandatory Field.
5	Check response when valid	All above information	Valid	No Error	Company account has been

	information is submit				created successfully.
	Check response when invalid information is submit	null	Invalid	Error	Please insert all the required fields with proper values to create an account.

Table Name: Admin / Change password:

Sr.no	Input Field	Input Value	Valid / Invalid	For Valid Value	For Invalid Value
1	Current Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Wrong current password
2	New Password	abc@123	Valid	No error	No error message generated because it will be enter in proper format.
		Null	Invalid	Error	Mandatory Field.
3	Confirm Password	Same as a new password	Valid	No error	No error message generated because it will be enter in proper format.
			Invalid	Error	Mandatory Field.
4	Check response		Valid	No error	Password has been

	when valid information is submit				change successfully.
	Check response when invalid information is submit		Invalid	Error	Current password is wrong.

Navigational Testing:-

ADMIN:-

Link	Expected Page	Result Page
Dashboard	Dashboard	Dashboard
Analytics	Analytics	Analytics
Profile	Profile	Profile
All Users	All Users	All Users
Admins / new	Admins / new	Admins / new
Admins / details	Admins / details	Admins / details
Students / new	Students / new	Students / new
Students / details	Students / details	Students / details
Company / new	Company / new	Company / new
Company / details	Company / details	Company / details
Deactivated	Deactivated	Deactivated
Change Password	Change Password	Change Password
Sign Out	Sign In	Sign In

Company:-

Link	Expected Page	Result Page
Dashboard	Dashboard	Dashboard
Analytics	Analytics	Analytics
Notifications	Notifications	Notifications
Profile	Profile	Profile
View all requirement	View all requirement	View all requirement
Exams	Exams	Exams
Interview	Interview	Interview
Add new requirement	Add new requirement	New requirement
Change password	Change password	Change password
Sign Out	Sign In	Sign In

Students:-

Link	Expected Page	Result
Dashboard	Dashboard	Dashboard
Profile	Profile	Profile
Notifications	Notifications	Notifications
Applied	Applied	Applied
Applied / Exam	Exam	Exam
Applied / Interview	Interview	Interview
Change password	Change password	Change password
Sign Out	Sign In	Sign In

4.2 Functional Testing:-

- Functional Testing is a type of software testing where, the system is tested against the functional requirements/specifications.

- Functions are tested by feeding them input & examining the output. Functional testing ensures that the requirements are properly satisfied by the application. This type of testing is not concerned with how processing occurs, but rather, with the results of processing.

- During functional testing, **Black Box Testing** technique is used in which the internal logic of the system being tested is not known to the tester.

- User Registration: Process has been properly working and all fields are validated through various validation checks.

- Login & password validation process has been co-operated properly.

- Mail system module has been done properly & accurately.

- Admin side handling & dynamic & real-time data integration module is implemented successfully.

4.3 Environment Testing:-

- System Testing is a level of software testing where complete & integrated software is tested.

- The purpose of this test is to evaluate the systems compliance with the specified requirements.

- The process of testing an integrated system to verify that it meets specified requirements.

- System Testing performed after Integration Testing & Before Acceptance Testing.

- Normally, independent testers perform System Testing.

- Firefox browser, Edge & Chrome consider testing for environmentoperability of software.

a. Web Server : 000Webhost Server

b. Database : MySQL

c. OS : All

d. Browser : Chrome / Edge / Firefox

e. Framework : Code Igniter

5. CONCLUSION:-

- PMS means placement management system. A student need a job after education, so pms are help to finding the job.
- Company can create their requirement on our website. So, student can apply in this requirements.
- PMS is a platform for all the Companies and Students.
- Its provide facilities for posting requirement related to Company on which Students can respond to their requirements.

6.Bibliography:-

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