

RIMT- INSTITUTE OF ENGINEERING & TECHNOLOGY, MANDI GOBINDGARH



RIMT University Dashboard

SUBMITTED TO:
**DEPT. OF COMPUTER SCIENCE
& ENGINEERING**

SUBMITTED BY:
VIVEK KUMAR

INTRODUCTION

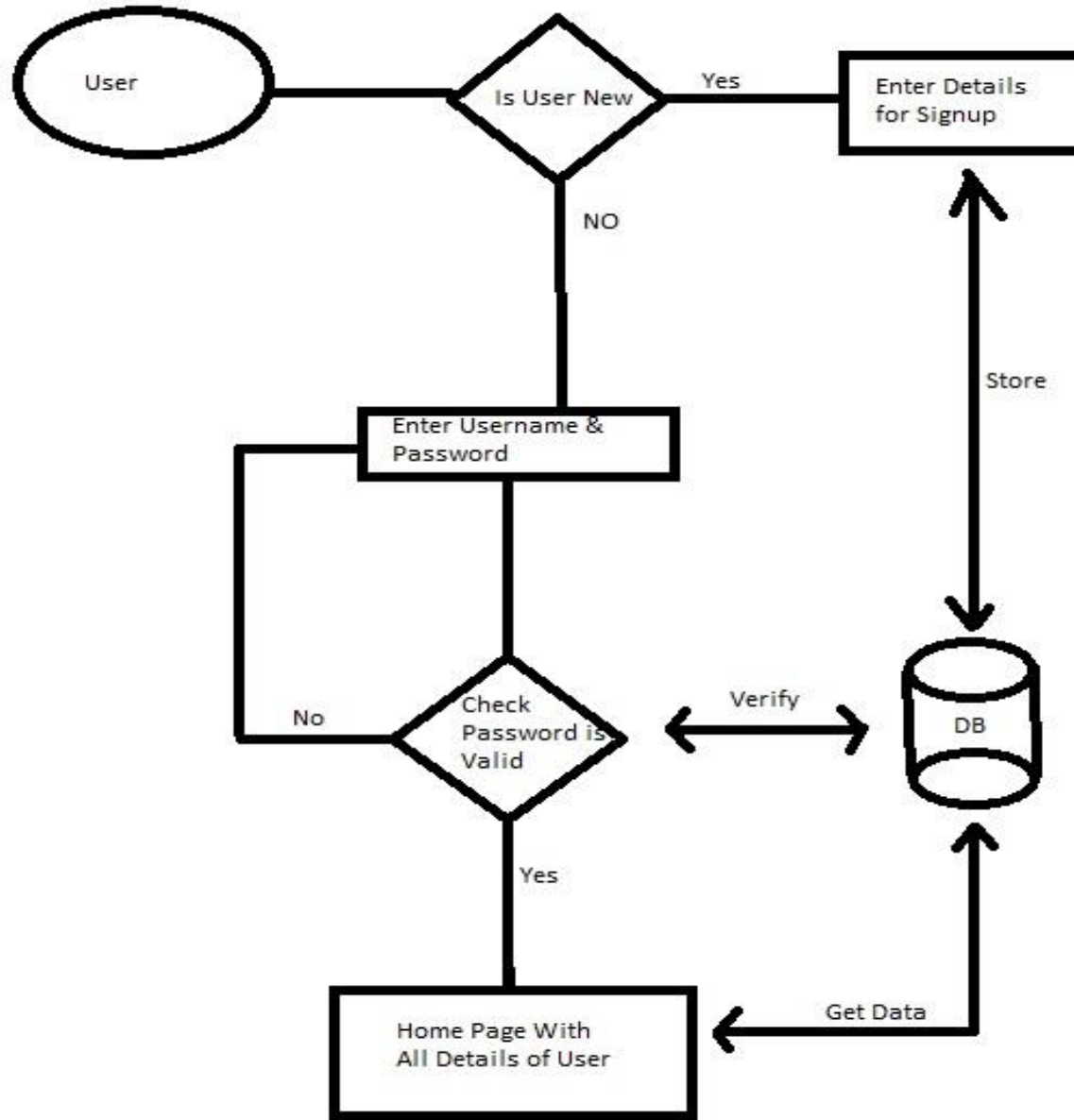
- ▶ The Project “RIMT University Dashboard” Is Basically Made for a new Module of Current ERP of our University which make possible to provide a system with a good user interface for user to interact with the academics system to view there data regarding University, like Attendance, Projects, Assignment, Hostel Faculty, Bus facility etc
- ▶ These all will integrated with a new module called University Dashboard where each and every user of University

Scope

- ▶ The Scope of this project is that it could be used in Our University ERP integrated with it and make our ERP system more interesting for everyone to use it and share useful information with all the member of origination.
- ▶ It could be used in any origination as well and work with that origination internal member and also user are able to share their idea and according to which the other member of origination can show interest and comments there view on that idea.

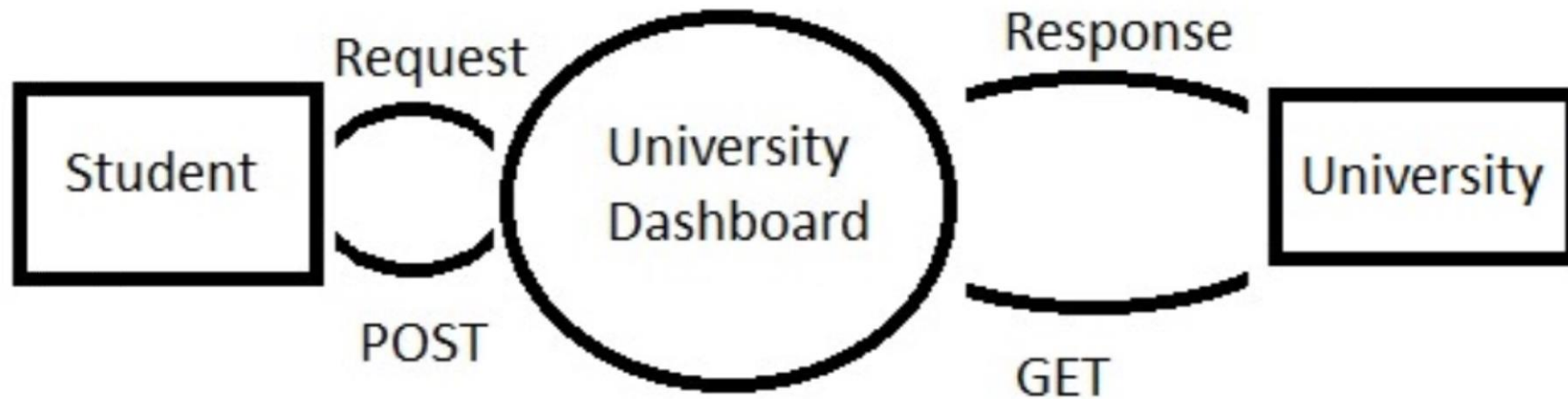
OUR OBJECTIVE

- ▶ In this project its totally depend on the university or any specific origination and to use this software it provides the main and must basic task to the end user as service to help them for easily access to the information regarding their organization. Some of main object of “University Dashboard are following: -
- ▶ **Create new user:**
- ▶ **User login**
- ▶ **News feed view**
- ▶ **Post new status**
- ▶ **Like & comments**

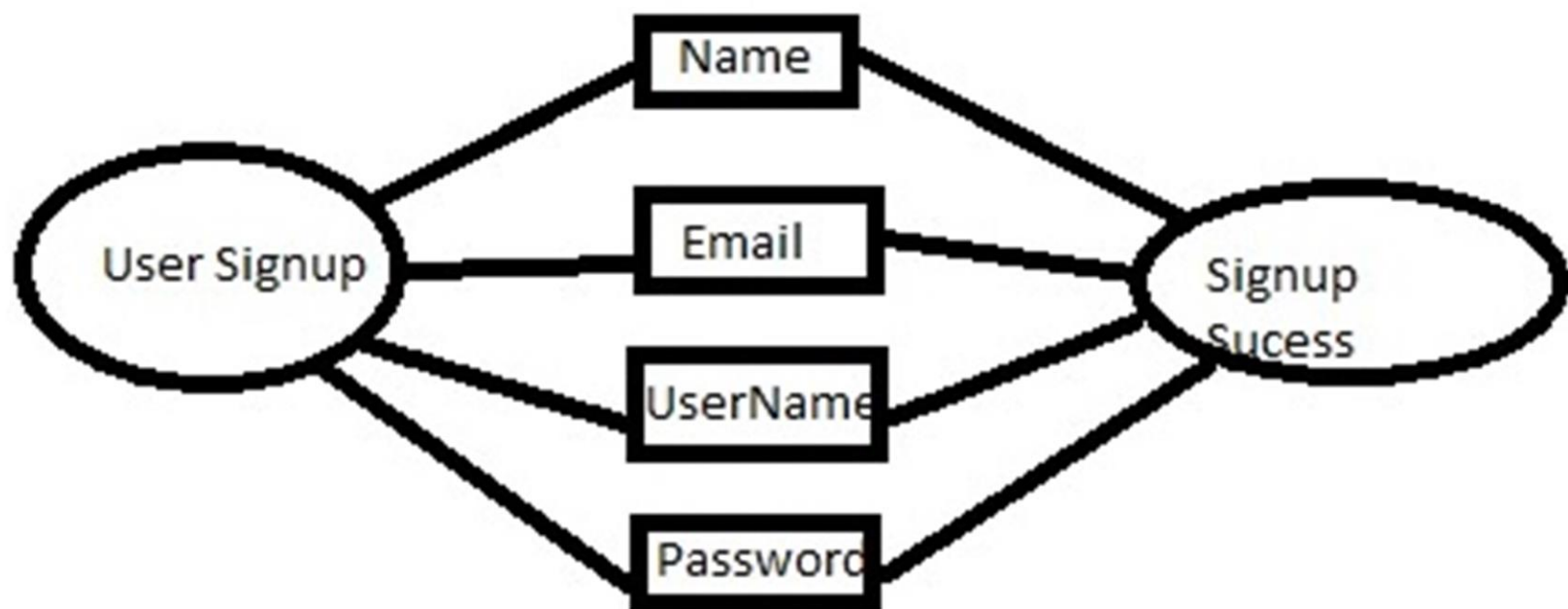


ER- Diagram

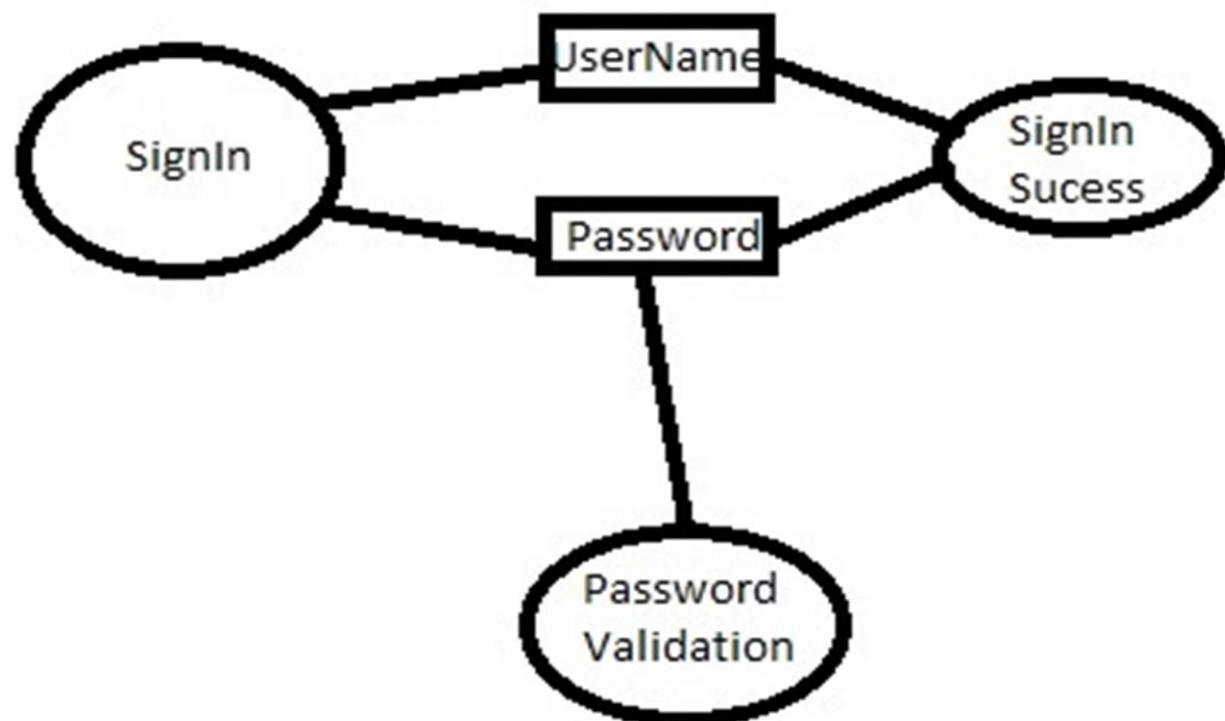
Zero Level Data Flow Diagram(DFD)



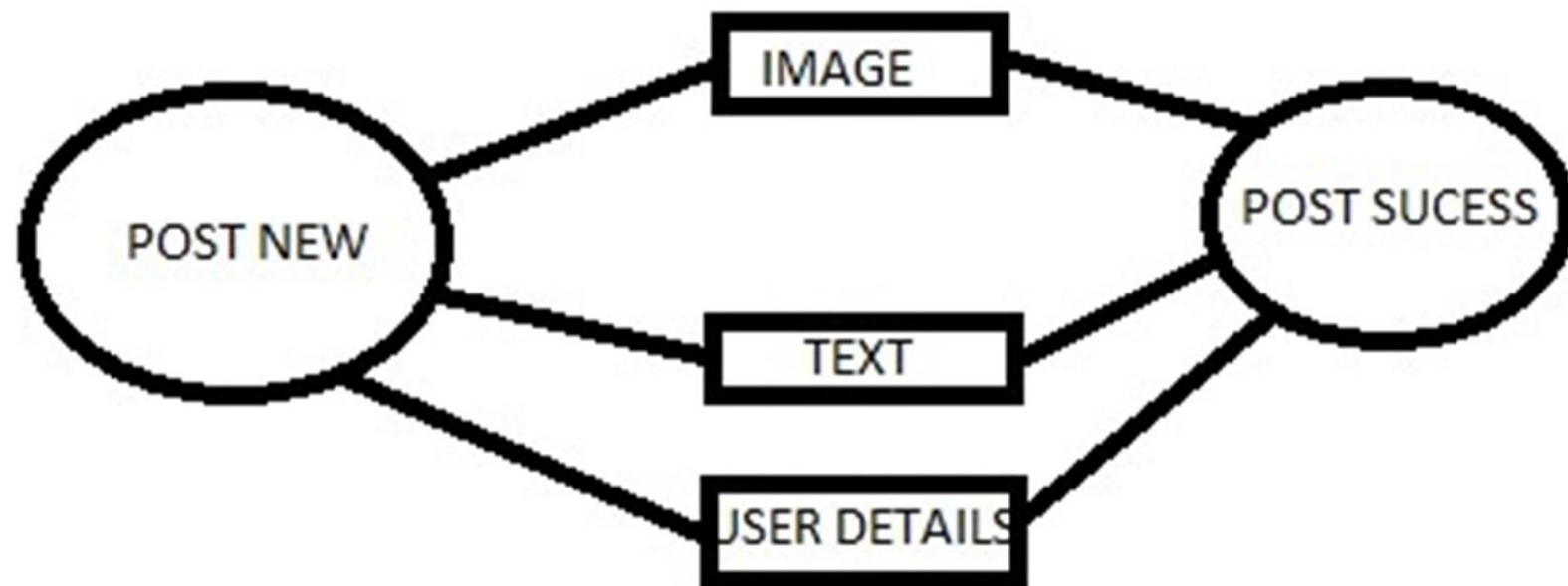
Data Flow In Signup



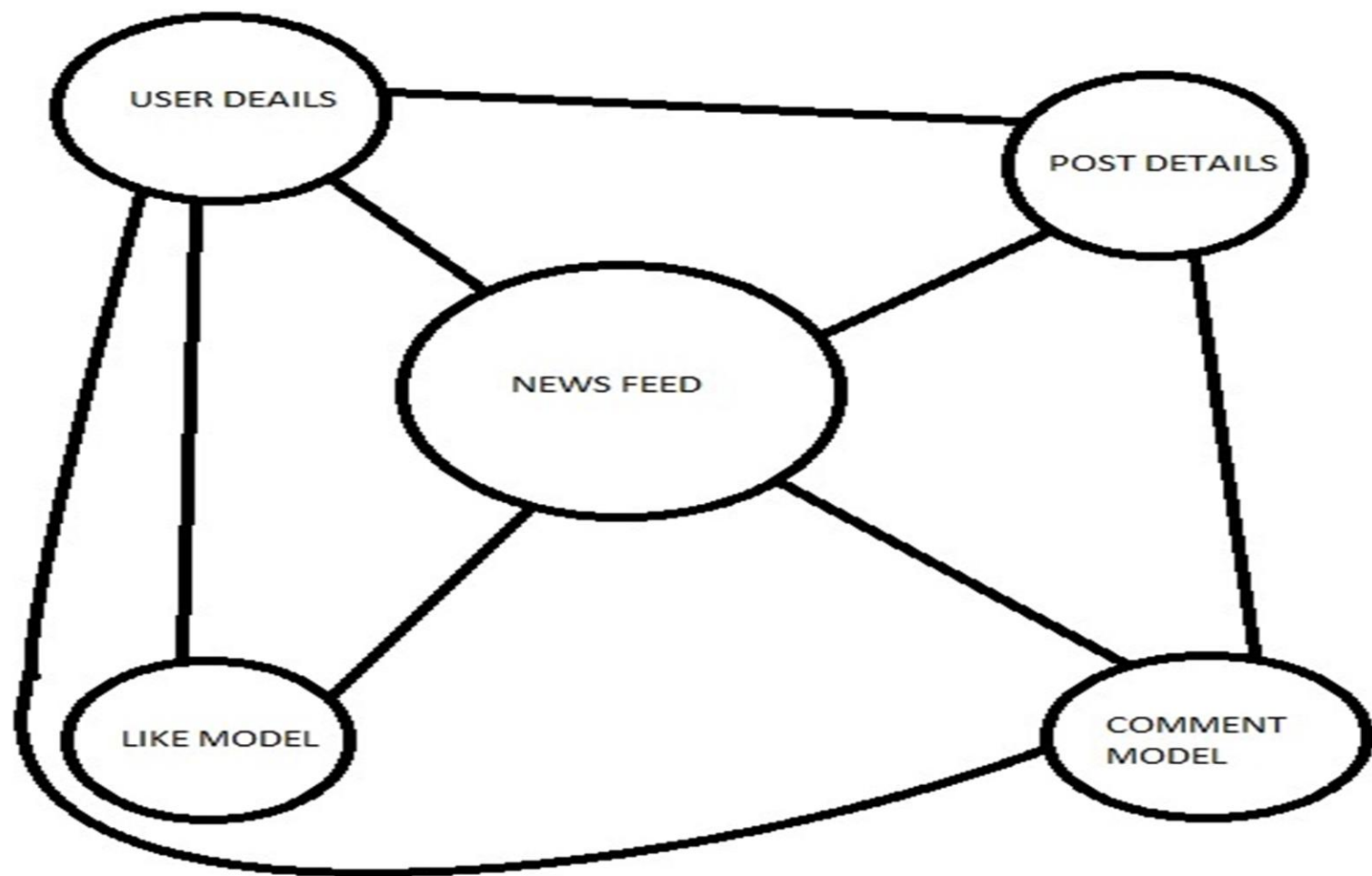
Data Flow in Login




Data Flow In POST Status



Data Flow In HOME Pages




UI of the Initial Signup Application



RIMT UNIVERSITY

Welcome to RIMT University. Today is Nov. 16, 2017, 1:39 a.m.



150+ PROGRAMS TO CHOOSE FROM | **90%** SCHOLARSHIPS AVAILABLE | STUDENTS FROM 23 STATE AND 5 COUNTRIES
400+ COMPANIES VISIT RIMT | **40000+** PLACEMENTS TILL DATE | **5** INTERNATIONAL MOU'S

Life at RIMT

Whatever be your dream, RIMT University can help you get there. Come, learn from our outstanding faculty & live in a state of the art teaching facilities. Come, explore the latest courses to get at the top.

GET IN TOUCH

Opposite Floating Restaurant, Sirhind Side, Mandi Gobindgarh-147301, Punjab (INDIA) 1800-137-0022

Login With Facebook

Login With Google

OR

Create a Life at RIMT Account.

Vivek Kumar

er.vivekkumar21@gmail.cc

er.vivekk.

☒ Agree With [Terms of Use and Privacy Policy](#)

Sign Up

Already a member? [Log In](#)

UI of Sign Up Success



RIMT
UNIVERSITY

Hi Vivek Kumar. !!! Your Account Created Successfully. !!! Now Please Sign In.



Life at RIMT

Whatever be your dream, RIMT University can help you get there. Come, learn from our outstanding faculty & leverage state of the art teaching facilities. Come, explore the latest courses to get at the top.

 Login With Facebook

 Login With Google

OR

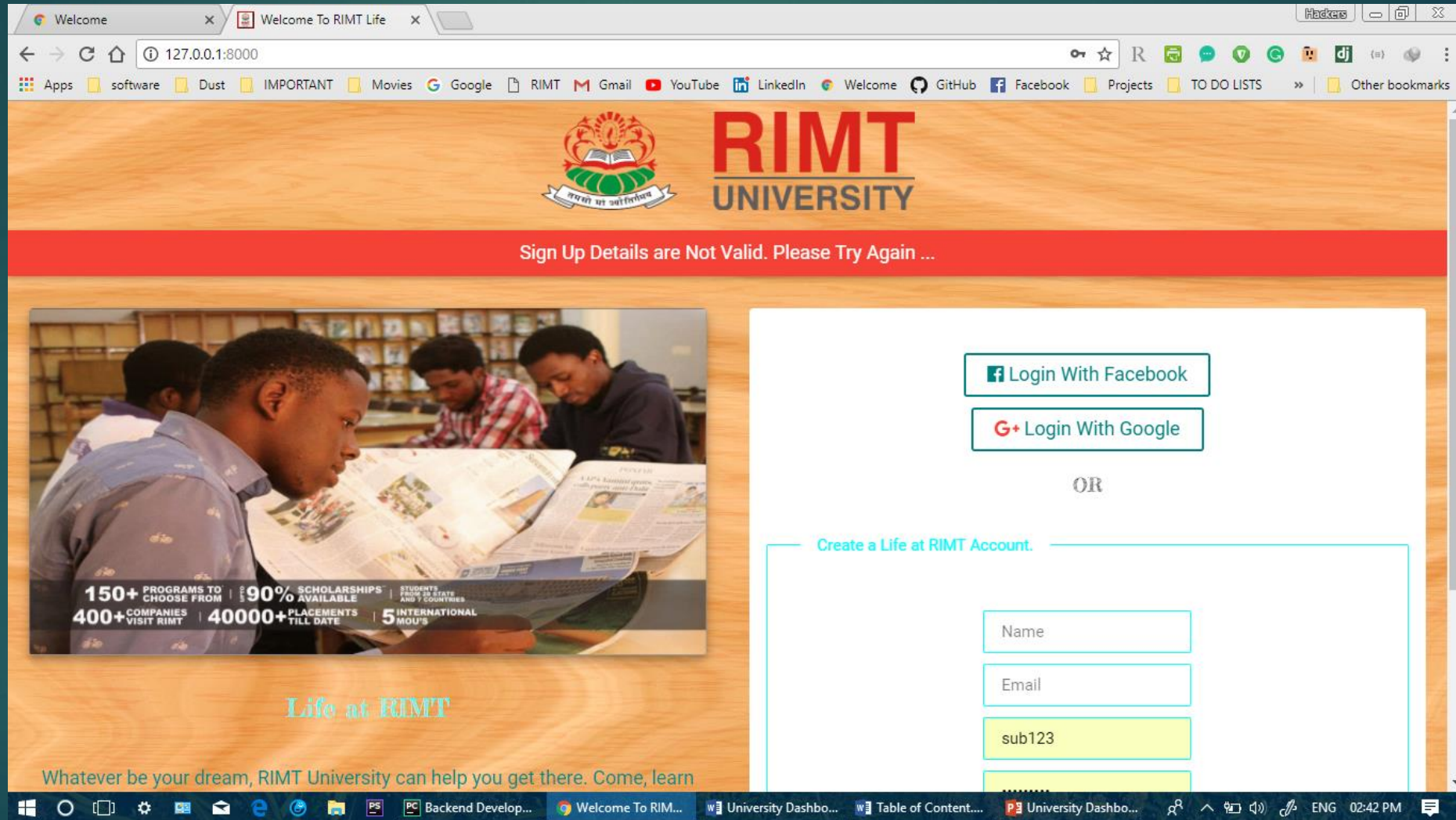
Log in to RIMT Life.

er.vivekk.

Log In

Not a member? [Sign Up](#)

UI of Signup Failure On Wrong Data



UI of Login Page



RIMT
UNIVERSITY

Hi Vivek Kumar. !!! Your Account Created Successfully. !!! Now Please Sign In.



Life at RIMT

Whatever be your dream, RIMT University can help you get there. Come, learn from our outstanding faculty & live in a state of the art teaching facilities. Come, explore the latest courses to get at the top.

 Login With Facebook

 Login With Google

OR

Log in to RIMT Life.

vk04190

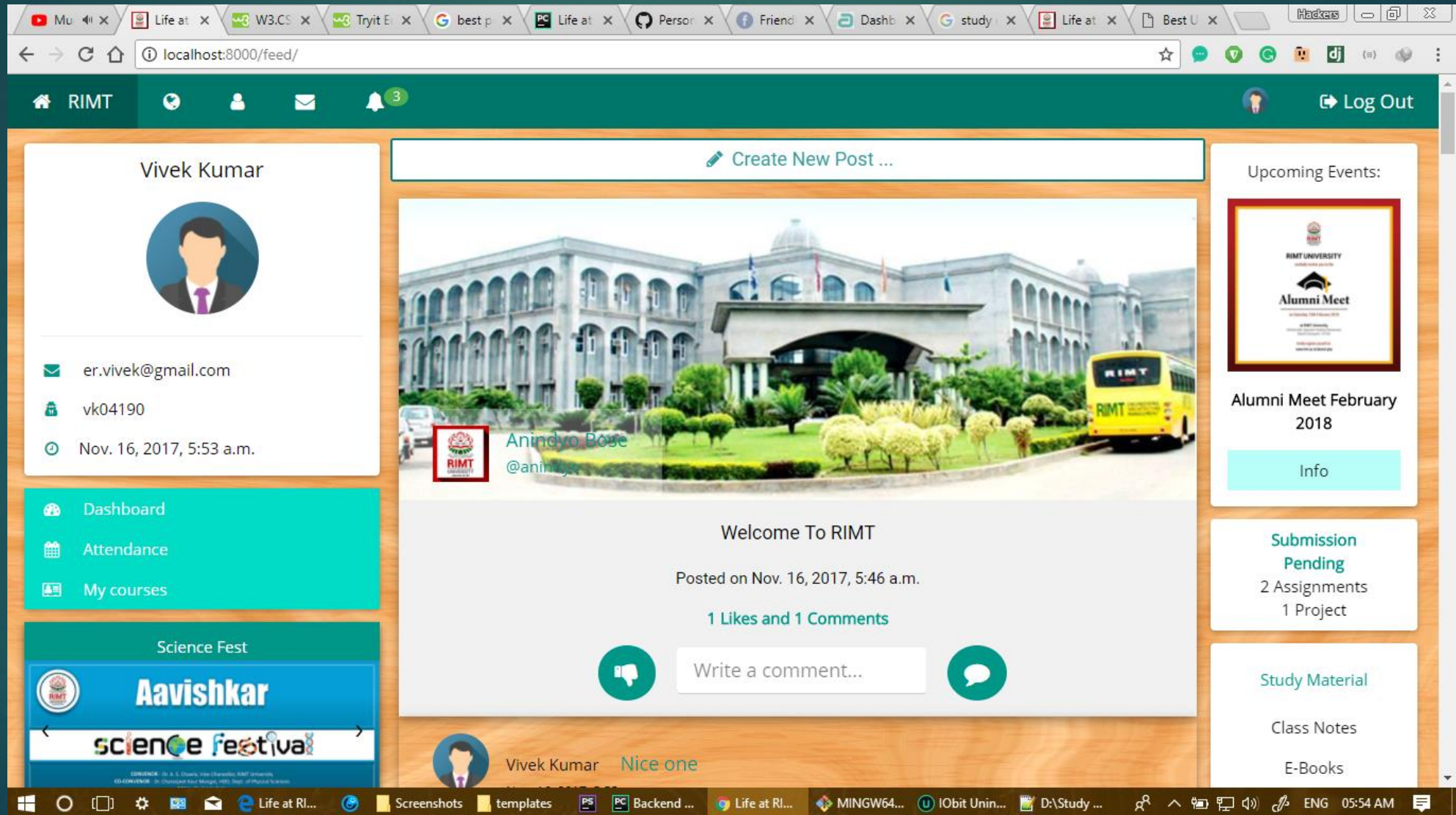
Log In

Not a member? [Sign Up](#)

UI of Wrong Password



UI of Initial Feed Page



The screenshot displays the initial feed page of the RIMT (Rajiv Gandhi Institute of Management Technology) web application. The browser window shows the URL `localhost:8000/feed/`. The page features a green header with the RIMT logo, navigation icons, and a 'Log Out' button. The main content area is divided into three columns. The left column contains a user profile for Vivek Kumar, including a profile picture, email address (`er.vivek@gmail.com`), ID (`vk04190`), and a timestamp (`Nov. 16, 2017, 5:53 a.m.`). Below the profile is a sidebar with links to 'Dashboard', 'Attendance', and 'My courses'. The middle column displays a post by Anindyo Bose (@anindyo) featuring a large image of the RIMT building and a yellow bus. The post includes the text 'Welcome To RIMT', a timestamp of `Nov. 16, 2017, 5:46 a.m.`, and indicates `1 Likes and 1 Comments`. A comment by Vivek Kumar saying 'Nice one' is visible at the bottom. The right column contains a section for 'Upcoming Events' with a poster for 'Alumni Meet February 2018' and an 'Info' button. Below this is a 'Submission Pending' section showing `2 Assignments` and `1 Project`. At the bottom right is a 'Study Material' section with links for 'Class Notes' and 'E-Books'.

Header: RIMT, Log Out

User Profile (Vivek Kumar):

- Profile Picture
- Email: `er.vivek@gmail.com`
- ID: `vk04190`
- Timestamp: `Nov. 16, 2017, 5:53 a.m.`

Post by Anindyo Bose (@anindyo):

- Image: RIMT Building and Bus
- Text: Welcome To RIMT
- Timestamp: `Posted on Nov. 16, 2017, 5:46 a.m.`
- Engagement: `1 Likes and 1 Comments`
- Comment: Write a comment...

Upcoming Events:

- Alumni Meet February 2018
- Info

Submission Pending:

- 2 Assignments
- 1 Project

Study Material:

- Class Notes
- E-Books

UI of Like and Comment Section

The screenshot displays a web application interface for RIMT University. The browser's address bar shows the URL `localhost:8000/feed/`. The application has a green header bar with the RIMT logo, navigation icons, and a 'Log Out' button. The main content area is divided into three columns. The left column features a user profile for Vivek Kumar, including a profile picture, email address (`er.vivek@gmail.com`), ID (`vk04190`), and a timestamp (`Nov. 16, 2017, 5:53 a.m.`). Below the profile is a sidebar menu with links to 'Dashboard', 'Attendance', and 'My courses'. The middle column displays a post by Vivek Kumar about being the 2nd time and 2nd topper in the Computer Science and Engineering Department of RIMT University's B-Tech 2014-2018. The post includes a timestamp (`Posted on Nov. 13, 2017, 1:15 a.m.`), a comment count (`2 Likes and 3 Comments`), and a 'Write a comment...' input field. Below the post are three comments from Subhash Kumar, Vivek Kumar, and another Vivek Kumar, each with a timestamp. The right column contains a section for 'Upcoming Events' featuring a poster for 'Alumni Meet February 2018' and an 'Info' button. Below this is a 'Submission Pending' section showing '2 Assignments' and '1 Project'. At the bottom of the right column is a 'Study Material' section with links to 'Class Notes' and 'E-Books'. The footer of the application shows a Windows taskbar with various open applications and the system clock displaying `05:54 AM`.

Header: RIMT, Log Out

User Profile (Vivek Kumar):

- er.vivek@gmail.com
- vk04190
- Nov. 16, 2017, 5:53 a.m.

Post:

it #2nd Time and #2nd Topper #Computer_Science_and_Engineering Department of RIMTIAN's B-Tech 2014-2018 #in RIMT University

Posted on Nov. 13, 2017, 1:15 a.m.

2 Likes and 3 Comments

Write a comment...

Comments:

- Subhash Kumar: WOwn (Nov. 13, 2017, 12:47 p.m.)
- Vivek Kumar: nice memory (Nov. 13, 2017, 2:15 a.m.)
- Vivek Kumar: I am Also There... (Nov. 13, 2017, 2:05 a.m.)

Upcoming Events:

Alumni Meet February 2018

Info

Submission Pending:

- 2 Assignments
- 1 Project

Study Material:

- Class Notes
- E-Books

UI Of News Feed Loading More ...

The screenshot displays a web application interface for RIMT University. The browser's address bar shows the URL `localhost:8000/feed/`. The application has a green header bar with the RIMT logo, navigation icons, and a 'Log Out' button. On the left, a sidebar contains a user profile for Vivek Kumar with contact details and a menu with 'Dashboard', 'Attendance', and 'My courses'. Below the menu is a banner for the 'Aavishkar Science Festival'. The main content area features a post from @subh123 about an Alumni Meet in February 2018, with 2 likes and 2 comments. Two comments are visible: one from Vivek Kumar saying 'yes' and another from Subhash Kumar saying 'Wow I Must try to attend this event'. A 'Loading ...' bar is at the bottom of the feed. On the right, a sidebar lists 'Upcoming Events' (Alumni Meet February 2018), 'Submission Pending' (2 Assignments, 1 Project), and 'Study Material' (Class Notes, E-Books).

Header: RIMT, Log Out

User Profile (Left Sidebar):
Vivek Kumar
er.vivek@gmail.com
vk04190
Nov. 16, 2017, 5:53 a.m.

Navigation Menu (Left Sidebar):
Dashboard
Attendance
My courses

Science Fest Banner (Left Sidebar):
Aavishkar
science festival

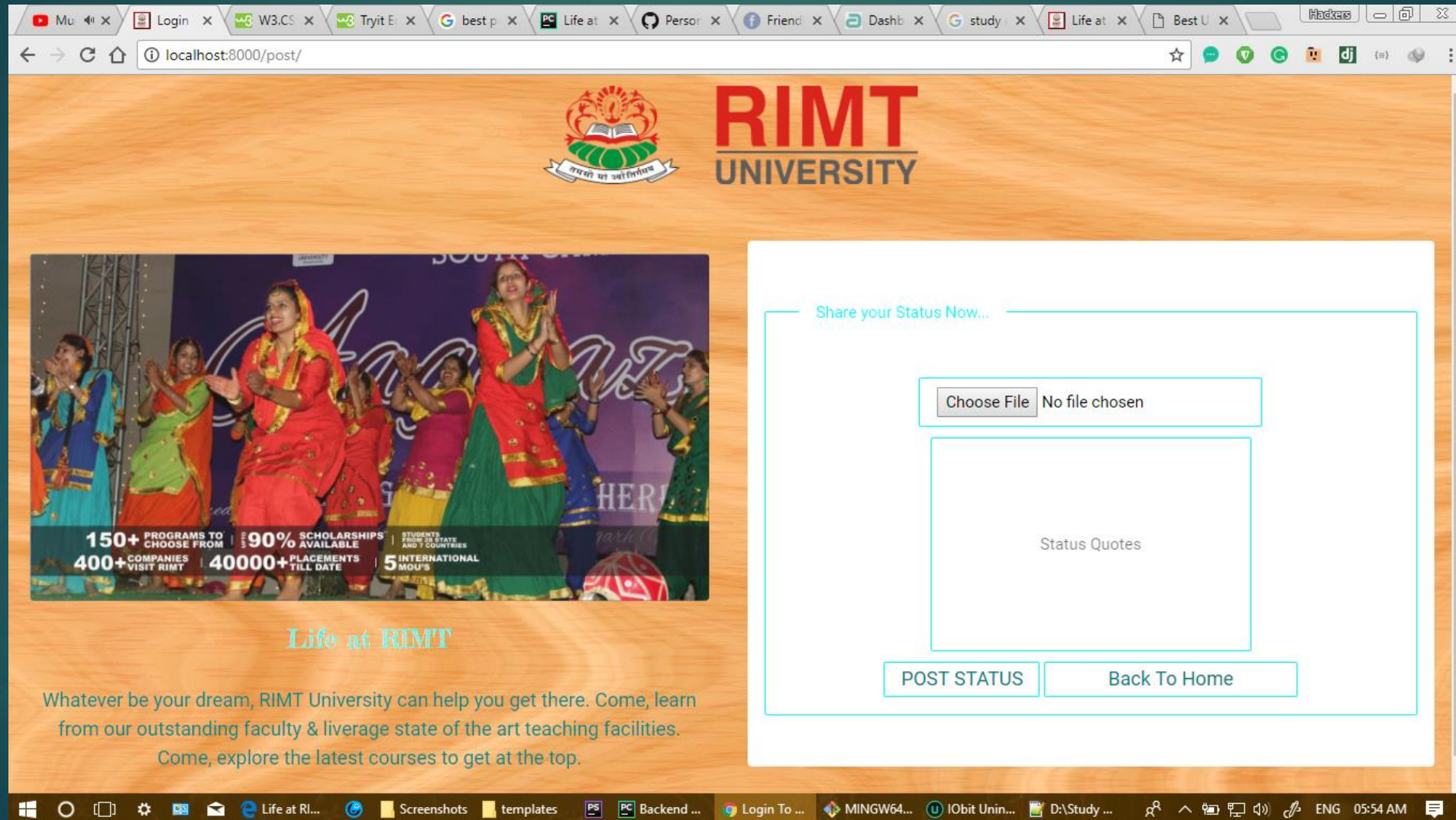
Main Feed Post:
@subh123
Dear RIMTIANz, as we are going to organize Alumni Meet in February 2018. Please register yourself by clicking on the link provided below and Kindly intimate all RIMTIANz.
www.rimt.ac.in/alumni.php
Posted on Nov. 13, 2017, 12:26 a.m.
2 Likes and 2 Comments
Write a comment...

Comments:
Vivek Kumar yes
Nov. 13, 2017, 2:10 a.m.
Subhash Kumar Wow I Must try to attend this event
Nov. 13, 2017, 12:30 a.m.

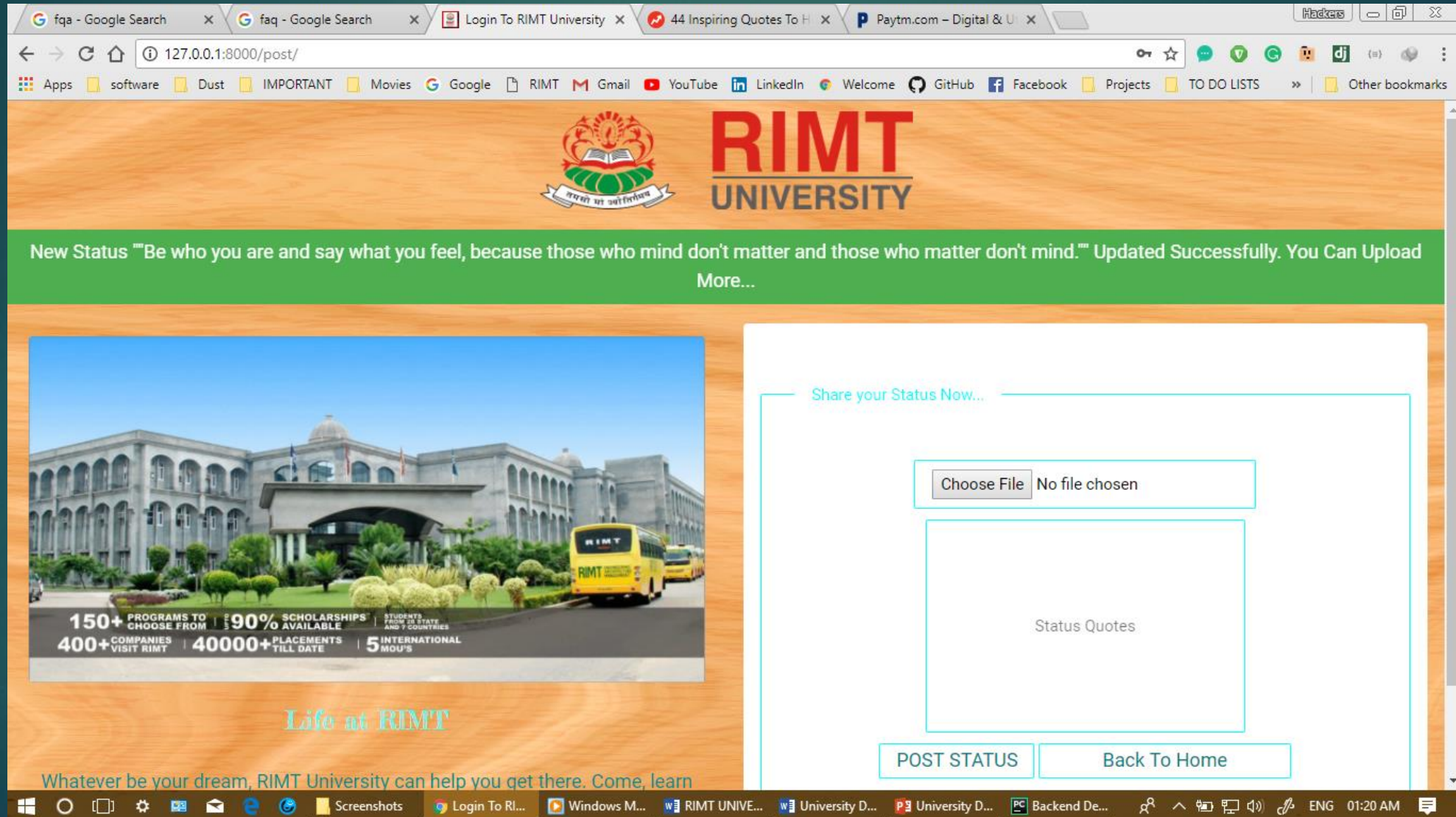
Right Sidebar:
Upcoming Events:
Alumni Meet February 2018
Info
Submission Pending
2 Assignments
1 Project
Study Material
Class Notes
E-Books

Footer: Loading ...

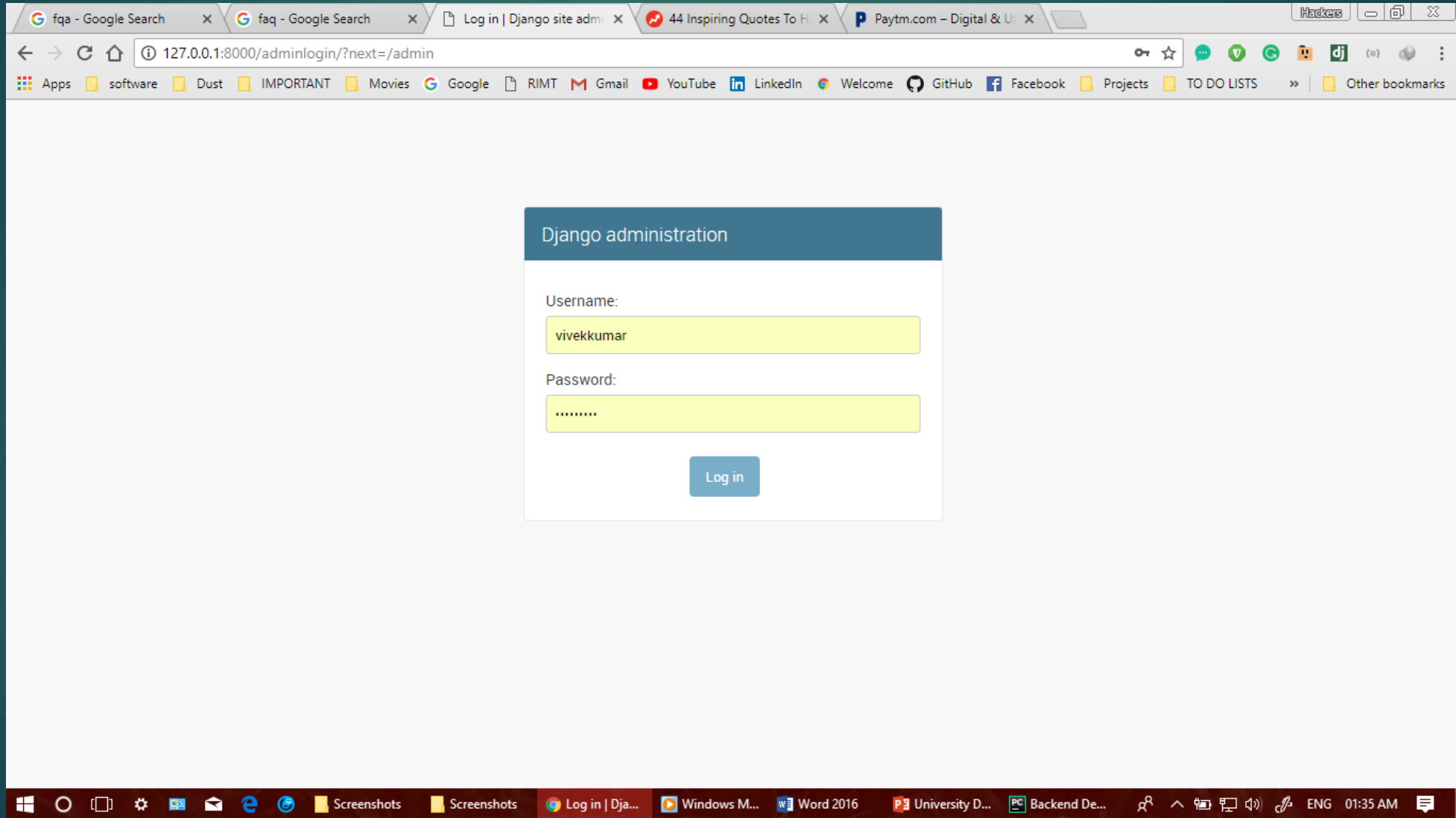
UI of Upload a New Post



UI OF POST SUCCESS



UI of Admin Login Page



The screenshot shows a web browser window with the URL `127.0.0.1:8000/adminlogin/?next=/admin`. The browser's address bar and tabs are visible at the top. The main content area displays a login form titled "Django administration". The form includes a "Username:" label, a text input field containing "vivekkumar", a "Password:" label, a password input field with masked characters, and a "Log in" button.

Browser tabs: fqa - Google Search, fqa - Google Search, Log in | Django site admin, 44 Inspiring Quotes To H, Paytm.com - Digital & U

Address bar: 127.0.0.1:8000/adminlogin/?next=/admin

Browser bookmarks: Apps, software, Dust, IMPORTANT, Movies, Google, RIMT, Gmail, YouTube, LinkedIn, Welcome, GitHub, Facebook, Projects, TO DO LISTS, Other bookmarks

Django administration

Username:

vivekkumar

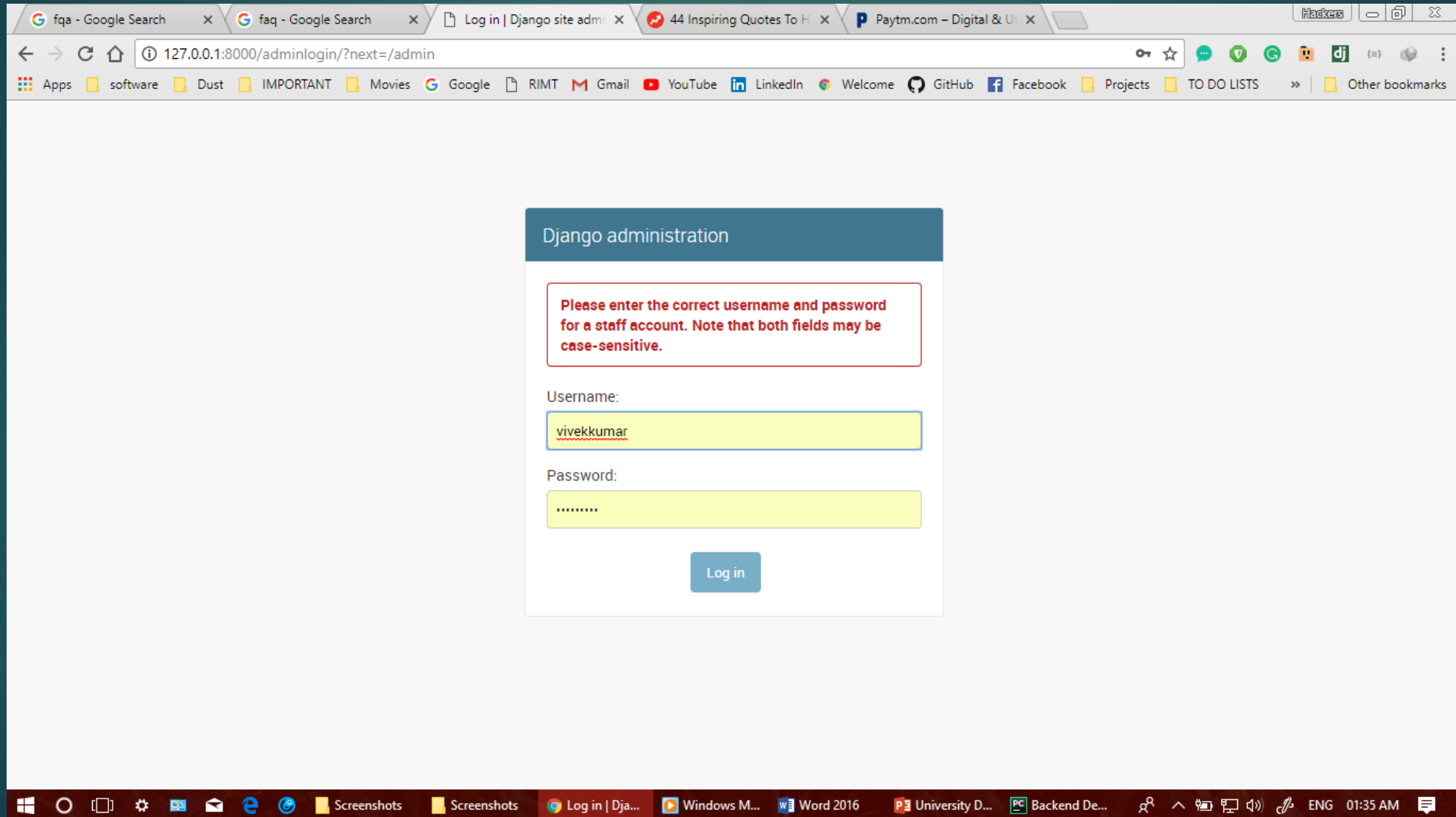
Password:

.....

Log in

Windows taskbar: Windows Start button, taskbar icons for Screenshots, Log in | Dja..., Windows M..., Word 2016, University D..., Backend De..., system tray showing ENG and 01:35 AM.

UI of Admin Login Failures



The screenshot shows a web browser window with the URL `127.0.0.1:8000/adminlogin/?next=/admin`. The page displays the Django administration login interface. A red-bordered box contains the message: "Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive." Below this, the "Username:" field contains the text "vivekkumar" and the "Password:" field is filled with dots. A "Log in" button is positioned at the bottom of the form.

Django administration

Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive.

Username:

vivekkumar

Password:

.....

Log in

UI of Admin Control Panel

Django administration

WELCOME, [VIVEKKUMAR](#). [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Site administration

AUTHENTICATION AND AUTHORIZATION

Groups	+ Add	✎ Change
Users	+ Add	✎ Change

INSTA_APP

Comment models	+ Add	✎ Change
Like models	+ Add	✎ Change
Post models	+ Add	✎ Change
Session tokens	+ Add	✎ Change
User models	+ Add	✎ Change

Recent actions

My actions

✖ PostModel object

Post model

✎ PostModel object

Post model

✎ PostModel object

Post model

✖ PostModel object

Post model

✖ PostModel object

Post model

✎ UserModel object

User model

✎ UserModel object

User model

✖ UserModel object

User model

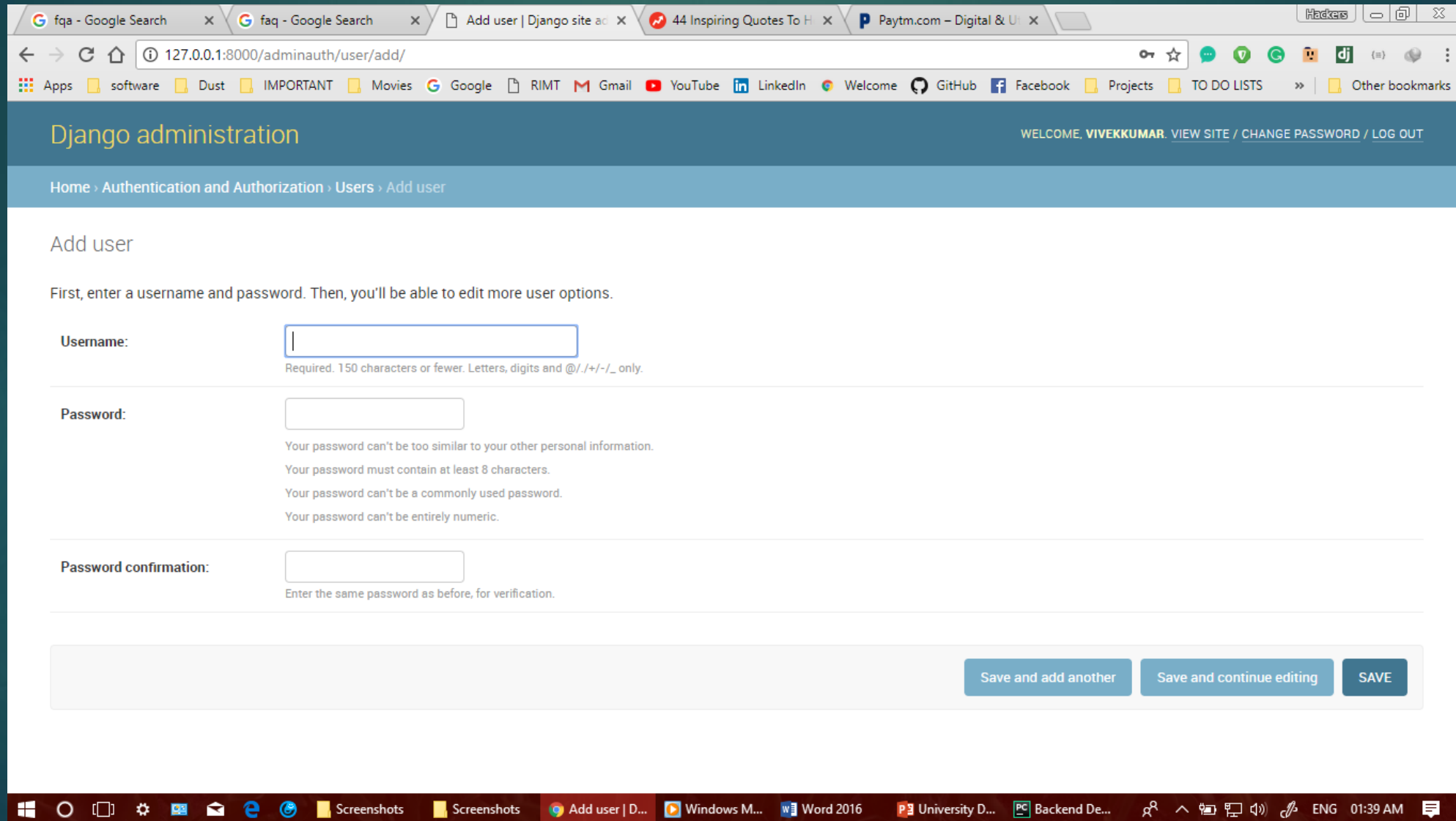
✖ PostModel object

Post model

✖ PostModel object

Post model

Admin UI of Create New Admin



The screenshot shows a web browser window with the URL `127.0.0.1:8000/adminauth/user/add/`. The page is titled "Django administration" and shows the user "VIVEKKUMAR" is logged in. The breadcrumb trail is "Home > Authentication and Authorization > Users > Add user".

The "Add user" form contains the following fields and instructions:

- Username:** A text input field. Below it, the text reads: "Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only."
- Password:** A text input field. Below it, four instructions are listed:
 - Your password can't be too similar to your other personal information.
 - Your password must contain at least 8 characters.
 - Your password can't be a commonly used password.
 - Your password can't be entirely numeric.
- Password confirmation:** A text input field. Below it, the text reads: "Enter the same password as before, for verification."

At the bottom right of the form, there are three buttons: "Save and add another", "Save and continue editing", and "SAVE".

The screenshot displays the Django administration interface. At the top left, the title "Django administration" is shown in a large, bold font. To its right, there are links for "WELCOME, VIVEKKUMAR.", "VIEW SITE / CHANGE PASSWORD / LOG OUT". Below the header, a breadcrumb trail reads "Home > Insta_App > User models". The main heading is "Select user model to change". On the right side of this heading, there is a button labeled "ADD USER MODEL +". Below the heading, there is an "Action:" label followed by a dropdown menu showing "-----" and a "Go" button. To the right of the "Go" button, it says "0 of 9 selected". A table lists the available user models:

	USER MODEL
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object
<input type="checkbox"/>	UserModel object

At the bottom of the table, it says "9 user models".

Admin UI of Specific User

Django administration

WELCOME, **VIVEKKUMAR**. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home › Insta_App › User models › UserModel object

Change user model

HISTORY

Name:

Vivek Kumar

Username:

vk04190

Email:

er.vivek@gmail.com

Password:

pbkdf2_sha256\$36000\$UTEpxbk2HHNT\$2M

Delete

Save and add another

Save and continue editing

SAVE

Admin UI Specific Session Token

Django administration



WELCOME, VIVEKKUMAR. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home › Insta_App › Session tokens › SessionToken object

Change session token

HISTORY

User:

UserModel object  

Session token:

b5cf67df-a5ee-48bb-8664-e9ba3fa96fae

☒ Is valid

Delete

Save and add another

Save and continue editing

SAVE

Admin UI of All POST Model

Django administration

WELCOME, **VIVEKKUMAR**. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Insta_App > Post models

Select post model to change

ADD POST MODEL +

Action:

----- ▾

Go

 0 of 10 selected

☐ POST MODEL

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

☐ PostModel object

10 post models

127.0.0.1:8000/admininsta_app/postmodel/36/change/

Admin UI of Specific Post Model

Django administration

WELCOME, **VIVEKKUMAR**. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home › Insta_App › Post models › PostModel object

Change post model

HISTORY

User:



UserModel object  

Image:

Currently: user_images/SIGNIN_SUCESS.jpg
Change: No file chosen

Image url:



Caption:



Admin UI of Specific POST Like Model

Django administration WELCOME, **VIVEKKUMAR**. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

[Home](#) › [Insta_App](#) › [Like models](#) › LikeModel object

Change like model HISTORY

User:  

Post:  

Delete

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

PostModel object

Save and add another

Save and continue editing

SAVE

Admin UI of one Comment Model

Django administration



WELCOME, VIVEKKUMAR. [VIEW SITE](#) / [CHANGE PASSWORD](#) / [LOG OUT](#)

Home > Insta_App > Comment models > CommentModel object



Change comment model

HISTORY

User:

UserModel object ▾  

Post:

PostModel object ▾  

Comment text:

Wow I Must try to attend this event

Delete

Save and add another

Save and continue editing

SAVE

Frequently asked questions (FAQ) :-

- ▶ Q. Which Programming Language used in this Project ?
- ▶ Ans : - Python 2.7, HTML5, CSS3, JavaScript etc
- ▶ Q. Which Database used in this Project ?
- ▶ Ans: - SQLite3, MySQL
- ▶ Q. Which Framework and Library used in this project ?
- ▶ Ans: - Anaconda, W3CSS, W3JS, Font-Awsome, Imgur etc
- ▶ Q. Which other tools are used in this project ?
- ▶ Ans: - PyCharm IDE, Chrome Debugger, Mackups, Python 2.7 IDLE etc



Any More Questions ...



Thank You