



**Career guidance**  
Est. 2022

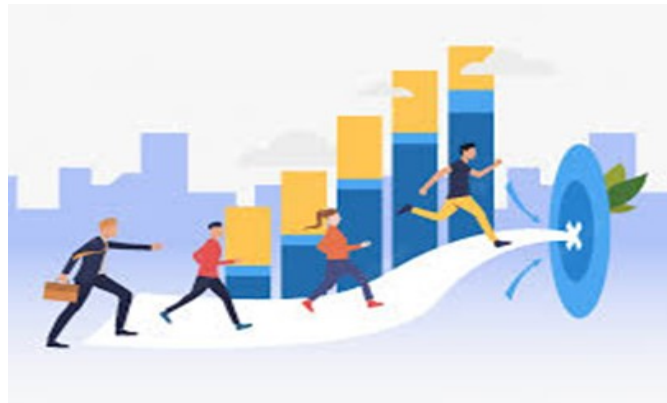
# CAREER GUIDANCE



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# ABSTRACT



This abstract provides an overview of Career Guidance a web application which builds a career by providing tips and advice for university or college students. The project is designed to create an Online based guidance tool that would help students explore and make decisions about their career paths.



## INTRODUCTION

Career Guidance System using Machine Learning is developed for Engineering Graduates who have completed their final year (Computer Science), who are confused regarding which field/path to choose for their career.

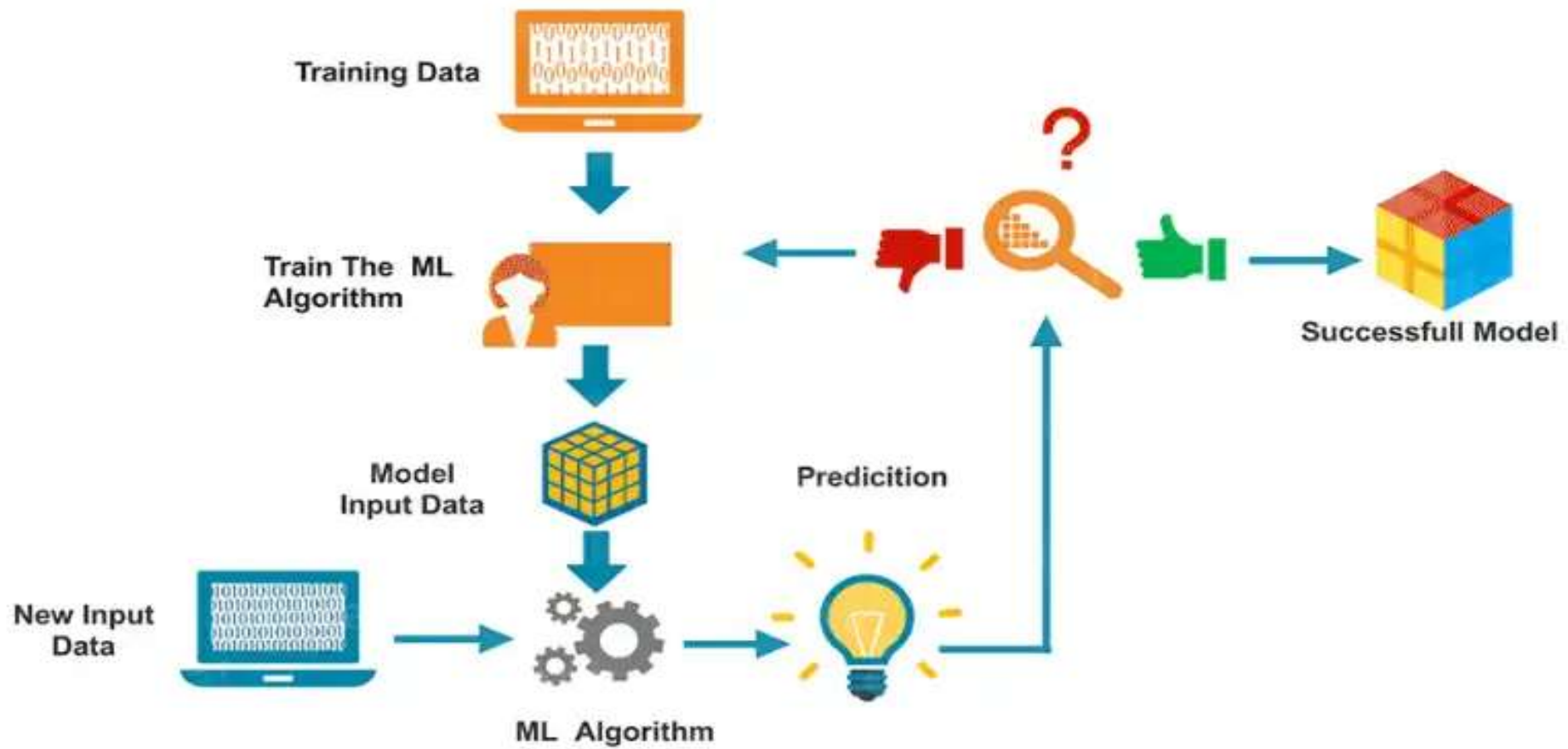
As there are already many options available to choose Careers , still taking the correct decision is a challenge.

So we have considered all the aspects which are important to choose a Career, aspects considered in our project are selecting the categories based on their interests and submit that page

“ *To overcome this, We are developing a website by using machine learning Technology.*



# WORKING OF MACHINE LEARNING





## EXISTING SYSTEM



There is no unified Online Career Guidance System for career guidance. Students generally have to go through hundreds of websites sites to choose correct career path.

In the absence of adult guidance, they often find it difficult to find relevant information about the career they want. Generally students make poorly researched decisions which they then have to struggle with.



# EXISTING SYSTEM ARCHITECTURE

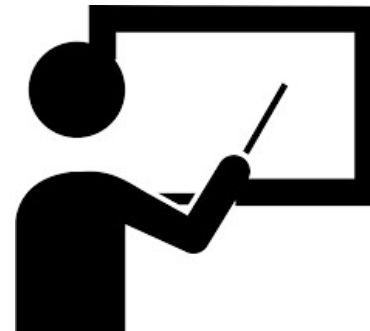


Website

Selects Type of career path



Performs guidance



Exits from the website





# DRAWBACKS



- Less career options
- User needs to visit each and every website individually
- User may not be aware of different career paths that are currently available .



## PROPOSED SYSTEM

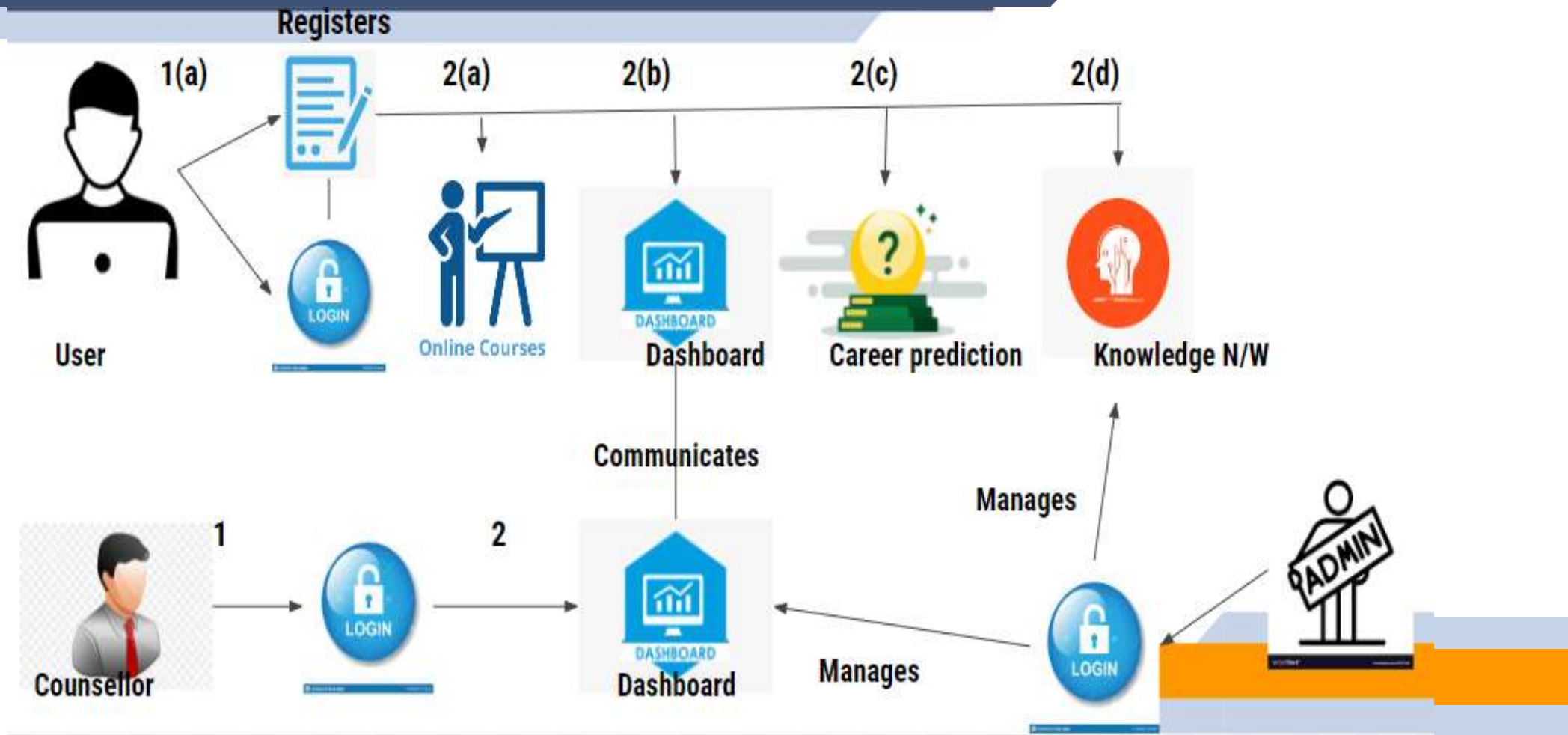
- The Career Guidance System begins with choosing a career. Students will be able to view various career choices like courses available for them , Knowledge Network (Trending technologies are listed along with some information ) , there is a career prediction module that provides certain categories to rate themselves to get right career path

## PROPOSED SYSTEM

- A Counsellor module also involved where students can ask their doubts and get rectified through one to one chat .
- There are some set of categories provided in student dashboard module (my career) , for every category there will be a counsellor to clear the students doubts and guide them . All this information will help future college students to make a well informed choice.



# PROPOSED SYSTEM ARCHITECTURE



# ADVANTAGES



- Student and counsellor can maintain 1:1 communication
- Many career options are provided with in single platform.
- Gives accurate information.



## MODULES

- **Student.**(Person who wants to know his career path)
- **Counsellor.**(Person who interacts with student to clear his/her doubts)
- **Admin.**(Person who manages both student and counsellor accounts )



## SOFTWARE REQUIREMENTS



# HARDWARE REQUIREMENTS



Mobile



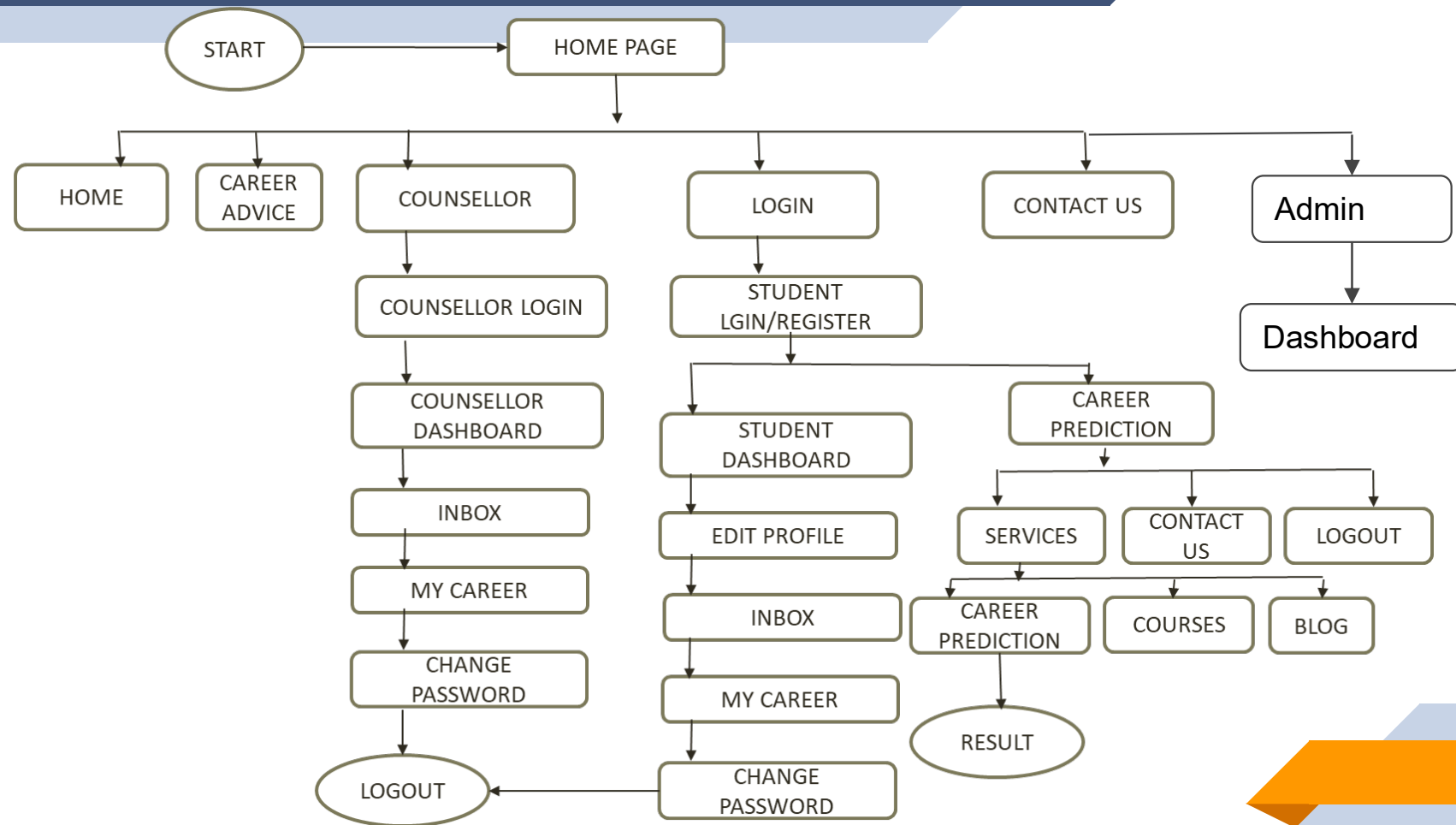
Laptop



The background features a large, dark blue chevron shape pointing to the right, which is layered over a light blue background. Below the blue shapes, there is a solid orange horizontal bar. The overall design is modern and geometric.

# *DATAFLOW DIAGRAM*

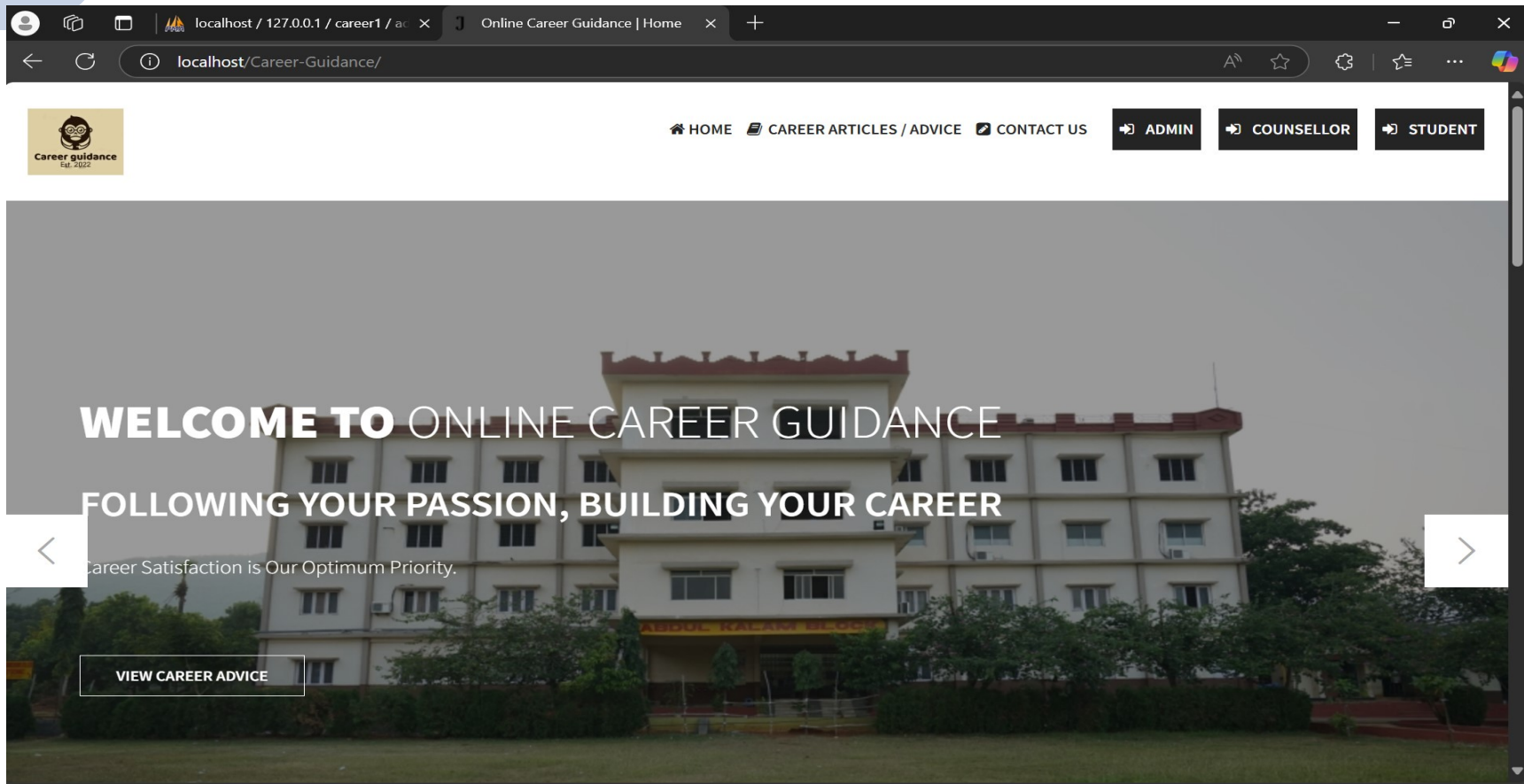
# DATA FLOW DIAGRAM



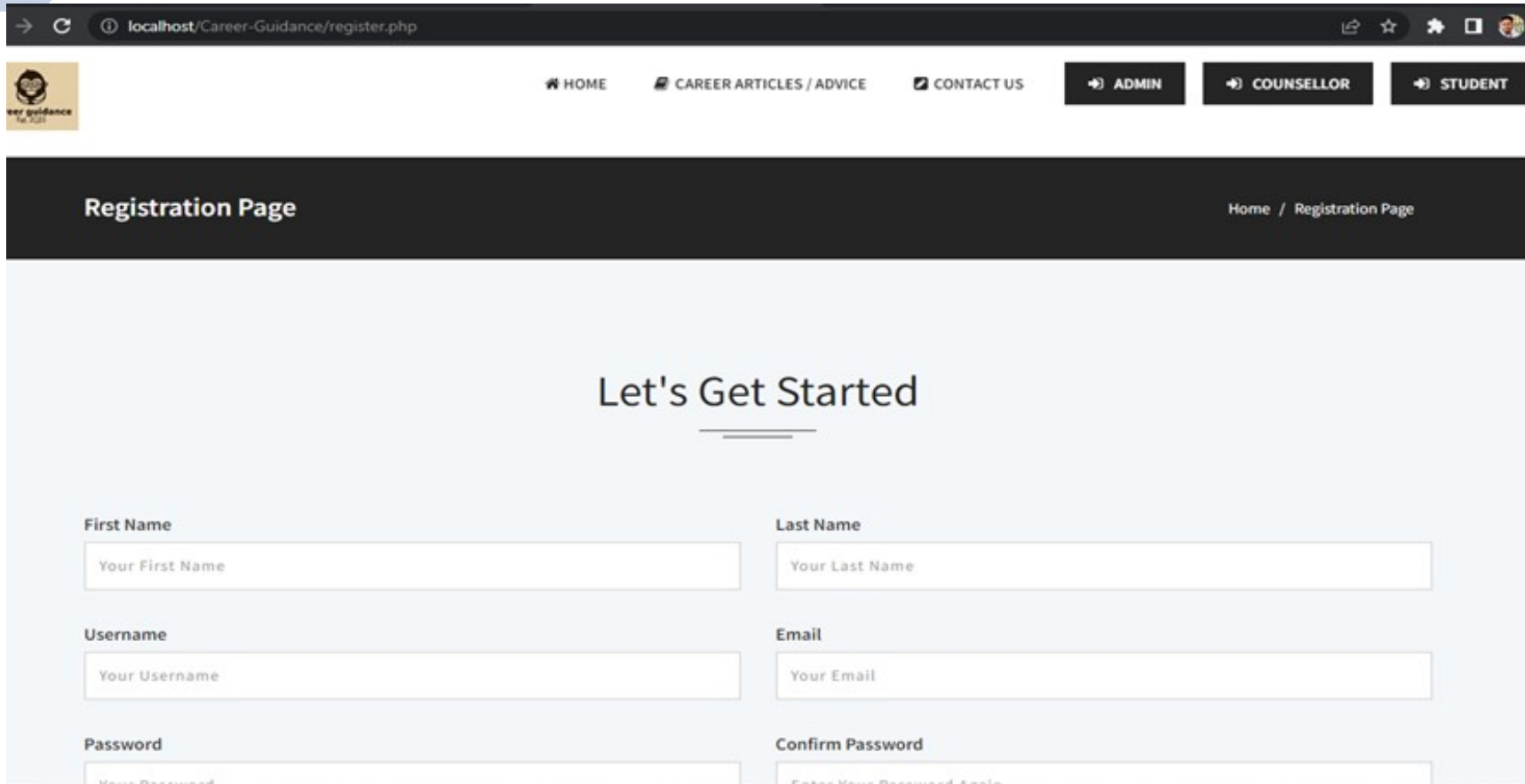
The background features a large, dark blue parallelogram pointing to the right, which contains the text. Above and below this shape are lighter blue geometric bands. At the bottom right, there is a horizontal orange bar with a 3D effect, appearing to sit on top of the other elements.

# *OUTPUT SCREENS*

## Home Page



## Registration Page



The screenshot shows a web browser window with the address bar displaying `localhost/Career-Guidance/register.php`. The website has a navigation bar with a logo on the left and links for HOME, CAREER ARTICLES / ADVICE, CONTACT US, ADMIN, COUNSELLOR, and STUDENT on the right. Below the navigation bar is a dark header with the title "Registration Page" and a breadcrumb trail "Home / Registration Page". The main content area has a light blue background and features the heading "Let's Get Started" with a horizontal line underneath. Below the heading are six input fields arranged in two columns. The left column contains fields for "First Name", "Username", and "Password". The right column contains fields for "Last Name", "Email", and "Confirm Password". Each field has a placeholder text: "Your First Name", "Your Last Name", "Your Username", "Your Email", "Your Password", and "Enter Your Password Again".

localhost/Career-Guidance/register.php

HOME CAREER ARTICLES / ADVICE CONTACT US ADMIN COUNSELLOR STUDENT

Registration Page Home / Registration Page

### Let's Get Started

**First Name**  
Your First Name

**Last Name**  
Your Last Name

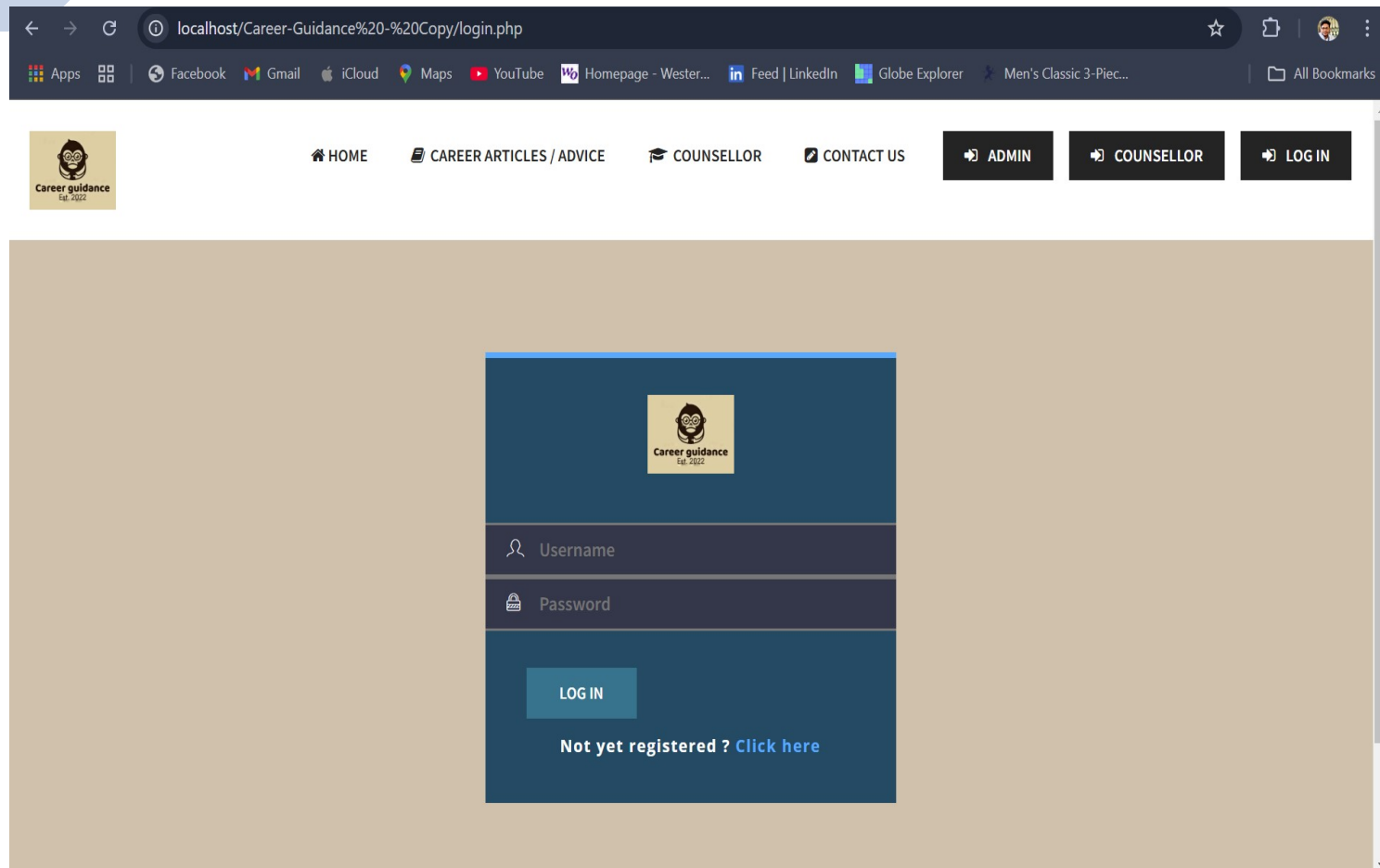
**Username**  
Your Username

**Email**  
Your Email

**Password**  
Your Password

**Confirm Password**  
Enter Your Password Again


# Login Page




The screenshot shows a web browser window with the address bar displaying 'localhost/Career-Guidance%20-%20Copy/login.php'. The browser's toolbar includes icons for Apps, Facebook, Gmail, iCloud, Maps, YouTube, and a list of open tabs. The website's header features a logo on the left and a navigation menu with links: HOME, CAREER ARTICLES / ADVICE, COUNSELLOR, CONTACT US, ADMIN, COUNSELLOR, and LOG IN. The main content area has a light beige background. In the center, there is a dark blue login form. The form contains the 'Career guidance' logo at the top, followed by input fields for 'Username' and 'Password'. Below these fields is a 'LOG IN' button and a link that says 'Not yet registered ? Click here'.

localhost/Career-Guidance%20-%20Copy/login.php

Apps Facebook Gmail iCloud Maps YouTube Homepage - Wester... Feed | LinkedIn Globe Explorer Men's Classic 3-Piec... All Bookmarks

 HOME CAREER ARTICLES / ADVICE COUNSELLOR CONTACT US ADMIN COUNSELLOR LOG IN




Username

Password

LOG IN

Not yet registered ? [Click here](#)

# Student Dashboard



HOME CAREER PREDICTION CAREER ARTICLES / ADVICE CONTACT US RATAN

My Dashboard

Dashboard

Edit Profile

Inbox

My Career

Career Articles

Change Password

Profile Detail

First Name:	ratan
Last Name:	
Phone:	
Email:	
Gender:	Male

DASHBOARD

EDIT PROFILE

INBOX

MY CAREER

CAREER ARTICLES

CHANGE PASSWORD

LOGOUT

# Student Inbox

The screenshot shows a web application interface for a student's inbox. The browser address bar indicates the URL is `localhost/Career-Guidance/inbox.php`. The page header includes a logo for 'Career guidance Est. 2022' and navigation links: HOME, CAREER PREDICTION, CAREER ARTICLES / ADVICE, and CONTACT US. A user profile icon for 'RATAN' is also present.

The main content area is titled 'My Dashboard' and includes a sidebar menu with the following items:

- Dashboard
- Edit Profile
- Inbox** (highlighted)
- My Career
- Career Articles
- Change Password
- Logout

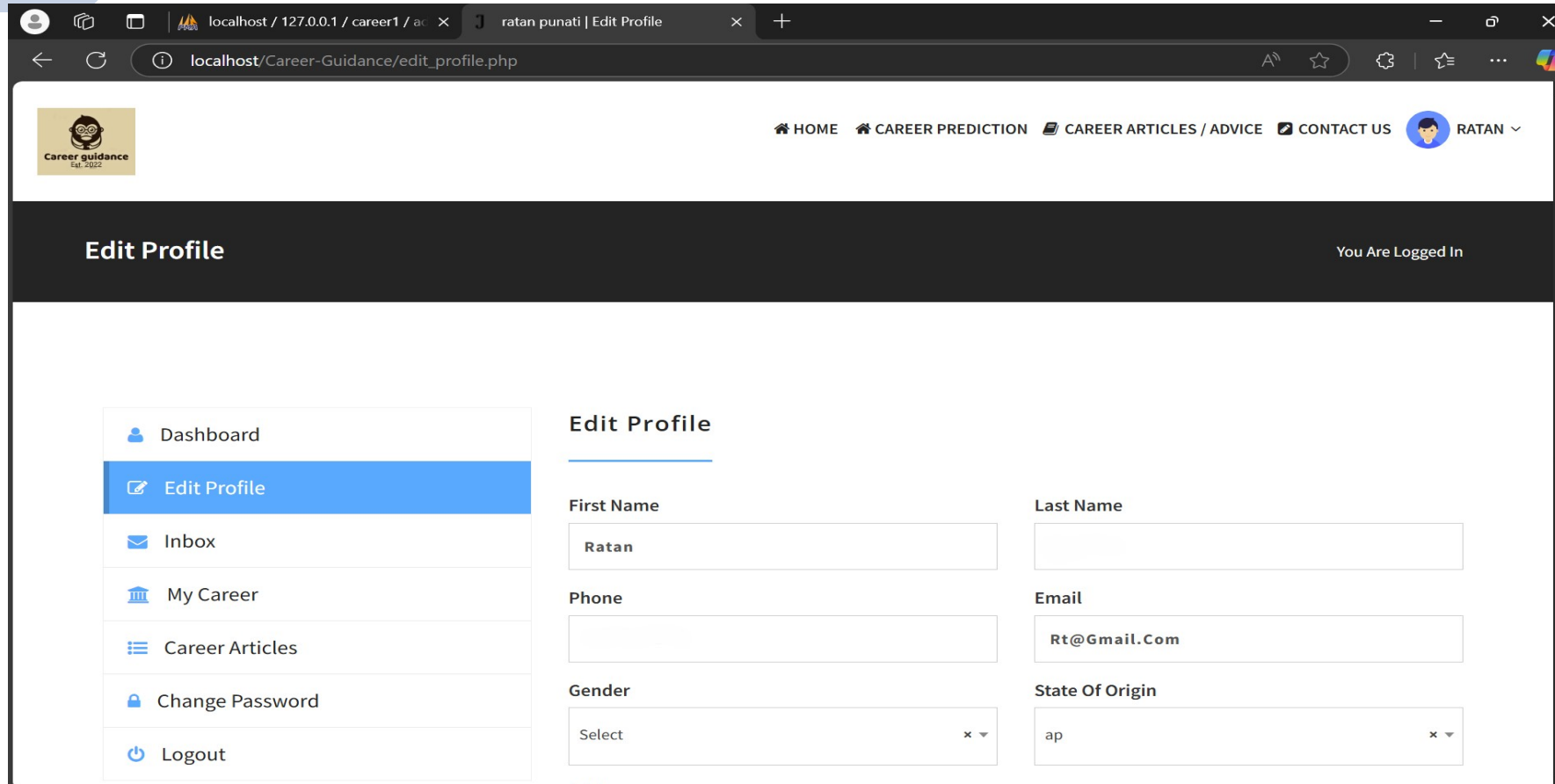
The 'My Messages' section displays a table with the following data:

S/N	Message Category	Conversations	Date
1	Java	<a href="#">View Conversation</a>	Sat-11-2024 at 10:28 PM
2	Python Programming	<a href="#">View Conversation</a>	Fri-05-2022 at 07:30 AM
3	General	<a href="#">View Conversation</a>	Mon-05-2022 at 08:16 PM


The Windows taskbar at the bottom shows the system time as 3:51 PM on 11/23/2024, along with various application icons and a weather widget indicating 40°.



## Student Profile





Career guidance  
Est. 2022


[HOME](#) [CAREER PREDICTION](#) [CAREER ARTICLES / ADVICE](#) [CONTACT US](#)  RATAN ▾


### Edit Profile


You Are Logged In


 Dashboard


 **Edit Profile**

 Inbox

 My Career

 Career Articles

 Change Password

 Logout

#### Edit Profile

First Name

Ratan

Last Name

Phone

Email

Rt@Gmail.Com


Gender

Select ▾

State Of Origin

ap ▾

# MY Career



HOME CAREER PREDICTION CAREER ARTICLES / ADVICE CONTACT US RATAN

My Career You Are Logged In

Dashboard

Edit Profile

Inbox

My Career

Career Articles

Change Password

Logout

### Speak With A Counsellor

Subject \*

Choose A Category You Want Your Message To Be Directed To \*

Select x

Your Message \*

# Career Prediction

Career Guidance System

127.0.0.1:5000

Apps | Facebook | Gmail | iCloud | Maps | YouTube | Homepage - Wester... | Feed | LinkedIn | Globe Explorer | Men's Classic 3-Piec... | All Bookmarks

Career guidance  
Est. 2022

HOME SERVICES ▾ ABOUT US CONTACT US LOG OUT

Data Science Choose option ▾

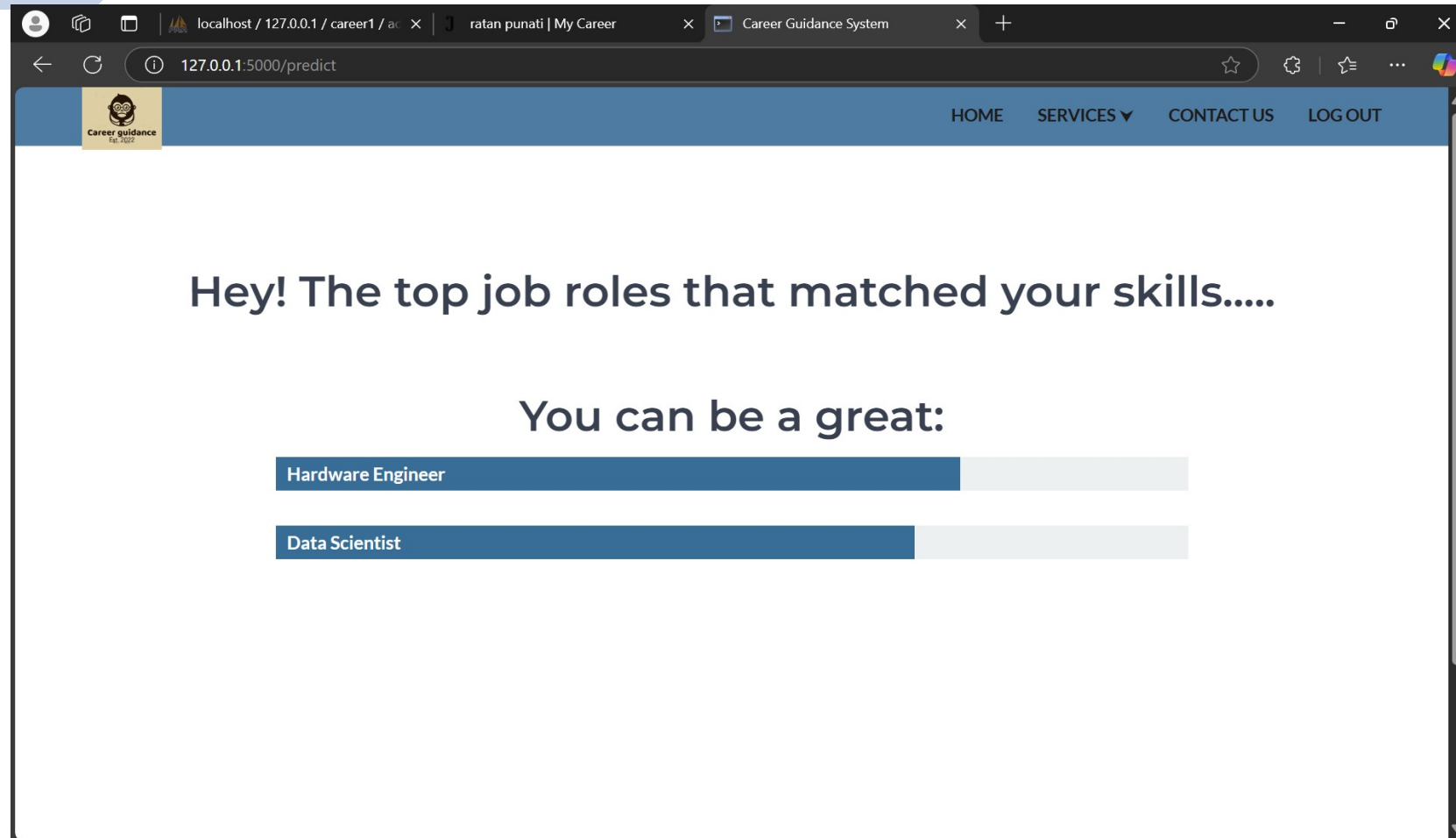
Troubleshooting skills Choose option ▾

Graphics Designing Choose option ▾

DISCOVER YOURSELF!

Career Guidance


# Career Recommendation




## Counselor Login

localhost/Career-Guidance%20-%20Copy/admin.php

Apps | Facebook | Gmail | iCloud | Maps | YouTube | Homepage - Wester... | Feed | LinkedIn | Globe Explorer | Men's Classic 3-Piec... | All Bookmarks

 [HOME](#) [CAREER ARTICLES / ADVICE](#) [CONTACT US](#) [ADMIN](#) [COUNSELLOR](#) [STUDENT](#)




Email

Password

LOGIN

We are happy to have you around.

# Counselor Inbox



HOME   COUNSELLOR   UMESH ▾

My Dashboard

You Are Logged In

Dashboard

Inbox

Change Password

Logout

Type Your Reply Message Here

Reply ↩


My Conversations


From : Me  
Message: helloasdaasd  
Sat-11-2024 at 10:28 PM

From : Me  
Message: hi  
Sun-05-2022 at 06:21 PM

# Admin Login

Apps | Facebook | Gmail | iCloud | Maps | YouTube | Homepage - Wester... | Feed | LinkedIn | Globe Explorer | Men's Classic 3-Piec... | All Bookmarks

 [HOME](#) [CAREER ARTICLES / ADVICE](#) [CONTACT US](#) [ADMIN](#) [COUNSELLOR](#) [STUDENT](#)



Email

Password

LOGIN




We are happy to have you around.

## Admin Dashboard

The screenshot shows a web browser window with the URL `127.0.0.1/Career-Guidance/rt/admin/index.php`. A confirmation dialog box is displayed in the center, asking "Are you sure you want to delete?" with "OK" and "Cancel" buttons. The dialog is titled "127.0.0.1 says".

The dashboard contains two tables:

### Student List

Firstname	Lastname	Role	Username	Password	Email	phone
ratan	punati	student	ratan	123456	rt@gmail.com	  

### Counsellor List

ID	Name	Role	Username	Password	manage
1	ratan	counsellor	ratan@gmail.com	123456	<a href="#">Delete</a>
2	jeevana	counsellor	jeevana@gmail.com	123456	<a href="#">Delete</a>
3	umesh	counsellor	umesh@gmail.com	umesh	<a href="#">Delete</a>
4	teja	counsellor	teja@gmail.com	teja	<a href="#">Delete</a>
5	varma	counsellor	varma@gmail.com	varma	<a href="#">Delete</a>
6	manoj	counsellor	manoj@gmail.com	manoj	<a href="#">Delete</a>
7	srinu	counsellor	srinu@gmail.com	srinu	<a href="#">Delete</a>
8	hemanth	counsellor	hemanth@gmail.com	hemanth	<a href="#">Delete</a>
9	prathul	counsellor	prathul@gmail.com	prathul	<a href="#">Delete</a>
10	chanti	counsellor	chanti@gmail.com	chanti	<a href="#">Delete</a>



## FUTURE ENHANCEMENT

Career Guidance in the Present and Future Taking a page from India's successful educational system. Since we only developed our system for one specific branch (IT), we can expand it by including other branches as well. We can maintain more than one counsellor for a single category .

When all the counselors are busy an alert message will be sent to the student.

## CONCLUSION

The paper proposes a career steering gadget which uses Machine learning for Prediction. it is handiest and efficient web application, with a view to be used by any Engineering Student of CS/IT(presently in final year or completed graduation) to assess their talent, abilities and which particular profession direction to pick out from numerous Career paths available.



# THANK YOU

Any questions?