

# **UNIVERSITY ADMIT ELIGIBILITY PREDICTOR**

## **Project Report Format**

**Submitted by**

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# 1. INTRODUCTION

## 1.1 Project overview

Today all the work at the time of admission of the students is done manually by ink and paper, which is very slow and consuming much efforts and time. In the modern world of technology, computer is affecting our lives in more ways than we probably are aware of computerized management maintaining information of an educational institute, colleges, other the list is endless. The main principle behind the need of college admission system is easy supervision of institutes. It can handle the details of students such as fee details or marks details. This Student Database has been designed taking into account the practical needs to manage a student's data. Moreover, it provides security at product level as well as user level. Its design concentrates on 3 types of users:

1. Admin
2. Student

## 1.2 Purpose

The purpose of this project is to make the prediction of eligibility of an admission to a rated university with ease using a UI with the provided user details (GRE Score, TOEFL Score, University Rating, SOP, LOR, CGPA, Research). This also eliminates the possibility of human errors

# 2. LITERATURE SURVEY

## 2.1 Existing problem

Today in college's student details are entered manually. The student details in separate records are tedious task. Referring to all these records updating is needed. There is a chance for more manual errors.

1. When the student comes in college.
2. First of all, he/she takes admission form from reception.
3. Fills it and submits it into office.
4. Filled form is first checked with documents like merit list a detail came from university and verified by an official person, if there is any mistake then it is corrected.
5. At the time of submission of it the fees is deposited by the candidate.
6. At the time of submission of admission form admission number is assigned to the candidate by the institute.
7. Candidate gets the receipt of fees deposition

## 2.2 References:

- ✉ Borah M.D., Application of knowledge-based decision technique to predict student enrolment decision, Recent Trends in Information Systems (Re TIS), 21-23 Dec. 2011, 180-184.
- ✉ Ragab, A.H.M., Hybrid recommender system for predicting college admission, Intelligent Systems Design and Applications (ISDA), 29 Nov. 2012, 107-113.
- ✉ Rensong Dong, The module of prediction of College Entrance Examination aspiration, Fuzzy Systems and Knowledge Discovery (FSKD), 31 May 2012, 1559-1562.
- ✉ E. Gottlieb, "Using integer programming to guide college admissions decisions: a preliminary report", Journal of Computing Sciences in Colleges, Volume 17, Issue 2, Pages: 271 – 279, 2001.
- ✉ J.S. Moore, "An expert system approach to graduate school admission decisions and academic performance prediction", ScienceDirect, Volume 26, Issue 5, October 1998, Pages 659–670.
- ✉ L. Chang, Applying Data Mining to Predict College Admissions Yield, Chapter 4 in J. Luan and C. Zhao (Eds.), Data mining in action: Case studies, Spring 2008 - College of Education. [7] S. Nadi, M.H. Saraee, and A. Bagheri, "Hybrid Recommender System for Dynamic Web Users", International Journal Multimedia and Image Processing (IJMIP), Vol. 1, Issue 1, March 2011.

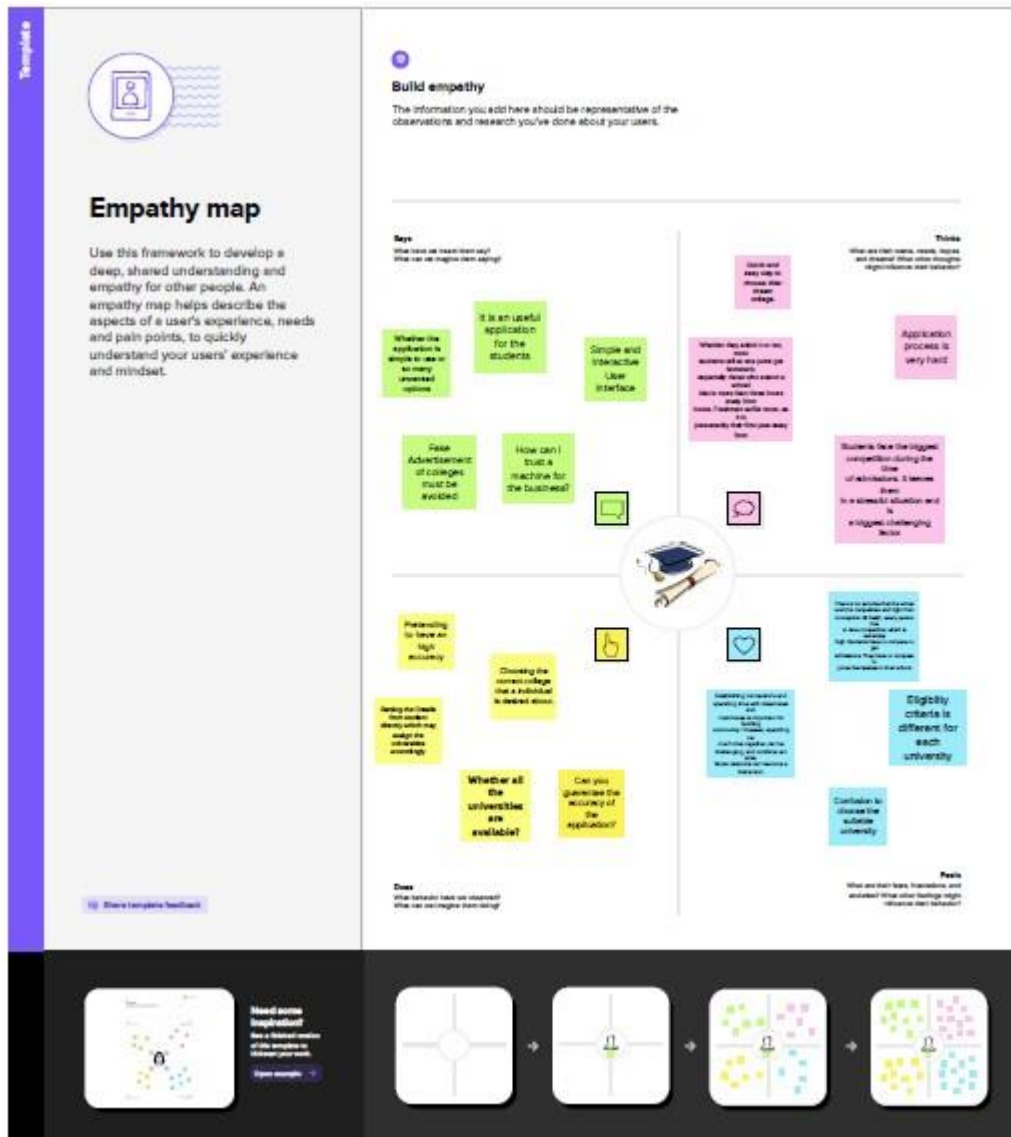
- 📖 J. A. Freeman, and D. M. Skapura, "Neural Networks: Algorithms. Applications. And Programming", Addison Wesley Pub (Sd), June 1991.
- 📖 S. Vinnik, and H. Marc, "Decision Support System for Managing Educational Capacity Utilization in Universities", Int. Conf. on Engineering and Computer Education, ICECE05, 2005.
- 📖 W. C. Lou, "A Hybrid Model of Tree Classifier and Neural Network for University Admission Recommender System," Master of Science Thesis, University of Macau, Faculty of Science and Technology, 2008

### **2.3.Problem Statement Definition :**

- I am a student, I am trying to find an choice of options.But, we have lot of conflicts in the past.because, have lot of paper work.Which makes me feel tired.
- I am faculty/staff, I am trying to counselling.But,we have lot of work.Because,hard to manage crowd,hich makes me feel stress.
- Students need to check their Admission Eligiblities in the respectUniversities.
- Students can put their mark details that will calculate and provide the probable chances.

## **3.IDEATION & PROPOSED SOLUTION**

### 3.1 Empathy Map Canvas



### 3.2. Ideation & Brainstorming

### Step-1: Team Gathering, Collaboration and Select the Problem Statement



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

🕒 10 minutes to prepare

🕒 1 hour to collaborate

👥 2-8 people recommended



### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes



#### Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.



#### Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.



#### Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →



### Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes

PROBLEM

How might we [your problem statement]?



### Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping





### Priority

Use your shortlist on the next page about what's important, moving forward. Place your ideas on this grid in descending order of importance and priority.

10 min



### 3.3. Proposed Solution



S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The main objective of the model is to predict university admission accurately and efficiently in order to help students in selecting college
2.	Idea / Solution description	Using a machine learning model, university admission for college is done. The input to the algorithm is rows of feature vector like marks or gpa, cut off, category etc. Then a decision tree and random forest is used to predict the eligibility of the student for that college / university.
3.	Novelty / Uniqueness	Unlike other models here, comparison of decision tree classifier with logistic regression and random forest classifier for various figures of merit is performed for better efficiency of prediction.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> <li>➤ Ease for students</li> <li>➤ Cost effective</li> <li>➤ Safe and efficient</li> </ul>
5.	Business Model (Revenue Model)	The models used is where students will be able to use features of the app for free. If the application used with more students, it is planned to enhance for subscription for some features
6.	Scalability of the Solution	As the dataset size is huge, the noise associated with the data is also huge and the pre-processing to be done is also high in this case. The output depends on the input given to the model. The response of the data is purely dependent on the data which is collected from the previous records

### 3.4. Problem Solution fit

Define CS, fit into CC Focus on J&P, no too RC, understand RC	<b>1. CUSTOMER SEGMENT(S)</b> Students who have recently completed their schooling and ready to get admitted into top universities. <b>CS</b>	<b>6. CUSTOMER CONSTRAINTS</b> Customer should receive right information about the universities. Customer's personal data should be kept confidential. Time of prediction should be less. Prediction should be accurate. <b>CC</b>	<b>5. AVAILABLE SOLUTIONS</b> <b>AS</b> Scores of JEE mains, advanced can also be used for predicting admissions along with cut offs.	Explore AS, differentiate Focus on J&P, no too RC, understand RC
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> Need to predict the university where they can be admitted. The information they provide should be kept confidential. Right and accurate information about universities should be shared with them. <b>J&amp;P</b>	<b>9. PROBLEM ROOT CAUSE</b> There are more competition and admission criteria change every year. <b>RC</b>	<b>7. BEHAVIOUR</b> <b>BE</b> Customer spends more money to get admission in universities. Customer also spend time in searching in the details about universities.	
Identify existing TM & EM	<b>3. TRIGGERS</b> Seeing students who use this predictor and get admissions on desired university. The accuracy of past predictions. <b>TR</b>	<b>10. YOUR SOLUTION</b> <b>SL</b> To create a solution to predict university admission accurately and efficiently in order to help students in selecting college using		<b>8. CHANNELS of BEHAVIOUR</b> <b>CH</b> 8.1 ONLINE Customer search about the colleges in internet and gather the eligibility criteria and other information. 8.2 OFFLINE Customer visit the universities to gather information and gather information from students studying there.
	<b>4. EMOTIONS: BEFORE / AFTER</b> Before: Anxious, confused ,Worried After: more confident ,satisfied, complete <b>EM</b>	student's cutoff ,category ,marks etc.		

## 4. REQUIREMENT ANALYSIS

### 4.1.Functional requirement

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none"><li>➤ Registration through Form</li><li>➤ Registration through Gmail</li><li>➤ Registration through LinkedIN</li></ul>
FR-2	User Confirmation	<ul style="list-style-type: none"><li>➤ Confirmation via Email</li><li>➤ Confirmation via OTP</li></ul>
FR-3	User Details	<p>Submit the documents</p> <ul style="list-style-type: none"><li>➤ GRE or/and TOEFL Score Sheet</li><li>➤ Curriculum Vitae (CV)</li><li>➤ Statement of Purpose (SOP)</li><li>➤ Letter of Recommendation</li></ul>
FR-4	User Requirements	<ul style="list-style-type: none"><li>➤ Upload all the relevant documents in the appropriate location in the website</li><li>➤ Based on the uploads, the system would scrape all the necessary information</li><li>➤ The list of all possible university for the candidate would be displayed based on the scraped information</li></ul>

## Non-Functional requirements

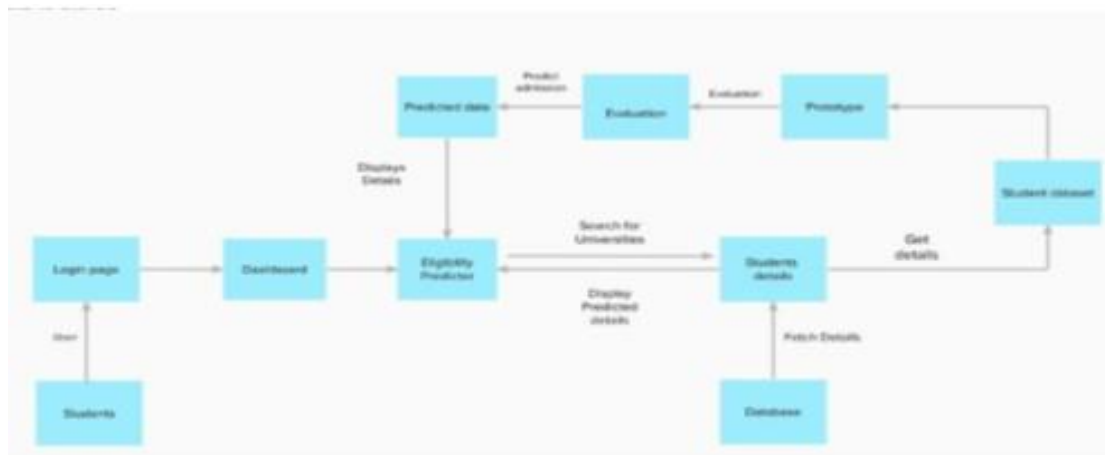
NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none"><li>➤ The system doesn't expect any technical pre-requisite from the user i.e.; even the naïve user can access it.</li><li>➤ User friendly.</li><li>➤ Reduced focus on Short Term memory load Focus on Internal Locus of Control.</li><li>➤ The page would not take a lot of time to load the content and display them (&lt; 30 seconds)</li></ul>
NFR-2	Security	<ul style="list-style-type: none"><li>➤ Only the authenticated user would be able to utilize the services of the site.</li><li>➤ Database should be backed up every hour</li></ul>
NFR-3	Reliability	<ul style="list-style-type: none"><li>➤ The system would always strive for maximum reliability due to the importance of data and damages that could be cause by incomplete and incorrect data</li></ul>
NFR-4	Performance	<ul style="list-style-type: none"><li>➤ The website can efficiently handle the traffic by service the request as soon as possible.</li><li>➤ Viewing this webpage using a 56kbps modem connection would not exceed 30 seconds (quantitatively, the mean time).</li></ul>

NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>➤ Minimal data redundancy</li> <li>➤ Less prone to errors</li> <li>➤ Fast and efficient</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>➤ Since an academic portal is crucial to the courses that use it, it is crucial that a sizable number of users be able to access the system at the same time.</li> <li>➤ The admission season is probably when the system will be under the most strain.</li> <li>➤ It must therefore be able to manage numerous concurrent users.</li> </ul>

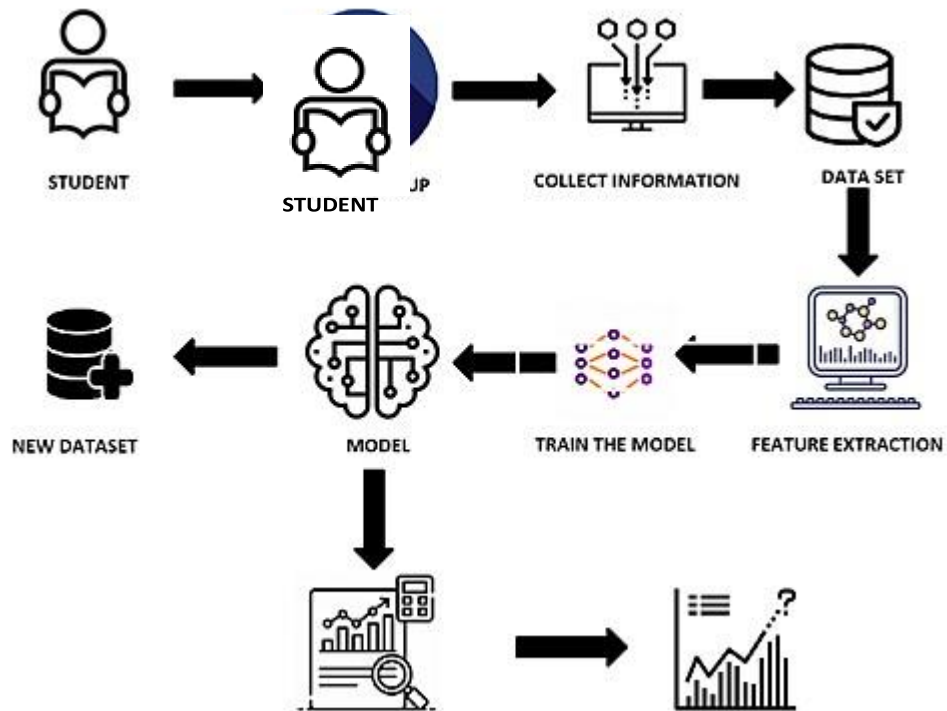
## 5. PROJECT DESIGN

### 5.1.Data Flow Diagrams

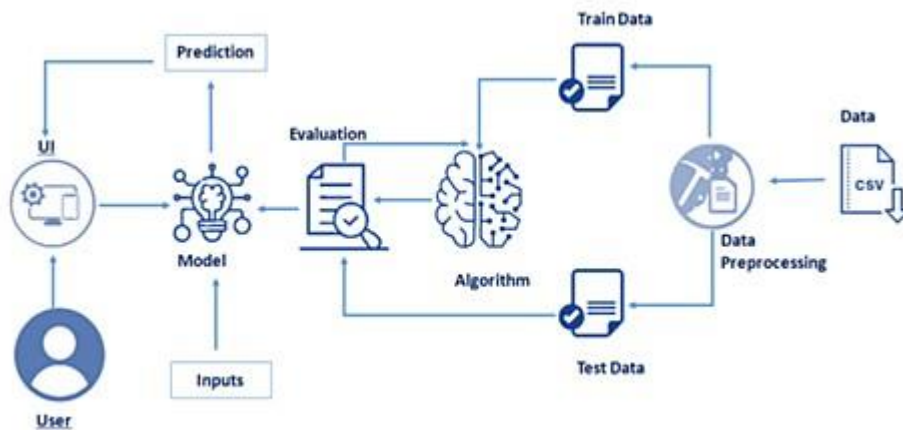
Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



## 5.2.Solution & Technical Architecture



## Technical Architecture



### 5.3.User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priorty	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access various pages	High	Sprint-1
	Dashboard	USN-6	As a user, I can search for various universities	I can access several pages	High	Sprint-1
Customer (Web user)	Search	USN-7	As a user, I can search for universities with different field	I can receive information related to universities on various locations	High	Sprint-2
Customer Care Executive	View	USN-8	As a user, I can view the University details	I will get the information on seat availability, eligibility criteria.	High	Sprint-2
Administrator	Receive notification	USN-9	As a user, I will receive notifications about the Suggested universities based on student marks	I will get frequent updates of the preferred universities	High	Sprint-2

	Chat with expert	USN-10	As a user, I can chat with the expert for clarifications	I can clear my doubts through chat with expert option	Medium	Sprint-2
Admin	Analysis	USN-11	As an admin, I will analyse the given dataset	I can analyse the dataset	High	Sprint-2
	Predict	USN-12	As an admin, I will predict the admission	I can predict eligibility for admission	High	Sprint-2

## 6. PROJECT PLANNING & SCHEDULING

### 6.1 Sprint Planning & Estimation

Title	Description	Date
<b>Literature Survey and Information Gathering</b>	Gathering Information by referring the technical papers, research publications etc	2 SEPTEMBER 2022
<b>Prepare Empathy Map</b>	To capture user pain and gains Prepare List of Problem Statement	10 SEPTEMBER 2022
<b>Ideation</b>	Prioritise a top 3 ideas based on feasibility and Importance	17 SEPTEMBER 2022
<b>Proposed Solution</b>	Solution include novelty, feasibility, business model, social impact and scalability of solution	24 SEPTEMBER 2022
<b>Problem Solution Fit</b>	Solution fit document	29 SEPTEMBER 2022
<b>Solution Architecture</b>	Solution Architecture	1 October 2022
<b>Customer Journey</b>	To understand user interactions and experiences with application.	8 October 2022

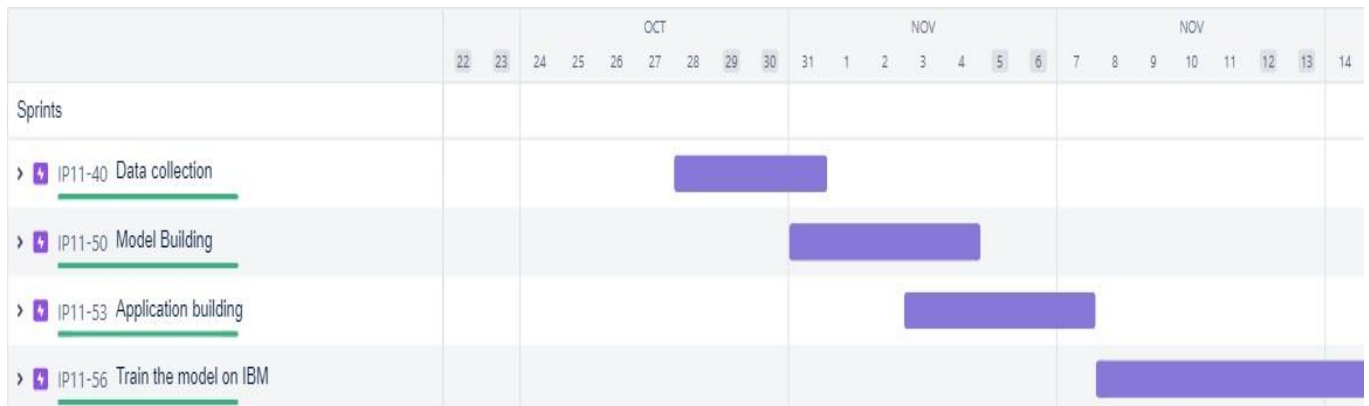


<b>Functional Requirement</b>	Prepare functional Requirement	14 October 2022
<b>Data flow Diagrams</b>	Data flow diagram	15 October 2022
<b>Technology Architecture</b>	Technology Architecture diagram	16 October 2022
<b>Milestone &amp; sprint delivery plan</b>	Activity what we done & further plans	21 October 2022
<b>Project Development Delivery of sprint 1,2,3 &amp; 4</b>	Develop and submit the developed code by testing it	24 October 2022 – 19 November 2022

## 6.2.Sprint Delivery Schedule

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	19	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

### 6.3.Reports from JIRA



## 7.CODING & SOLUTIONING (Explain the features added in the project along with code)

### 7.1.Feature 1

Index page:

127.0.0.1:5500/templates/index.html

# UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

Enter your details and get probability of your admission

Enter GRE Score :

Enter TOEFL Score :

University Rating:

Enter SOP Score :

Enter LOR Score :

Enter CGPA Score :

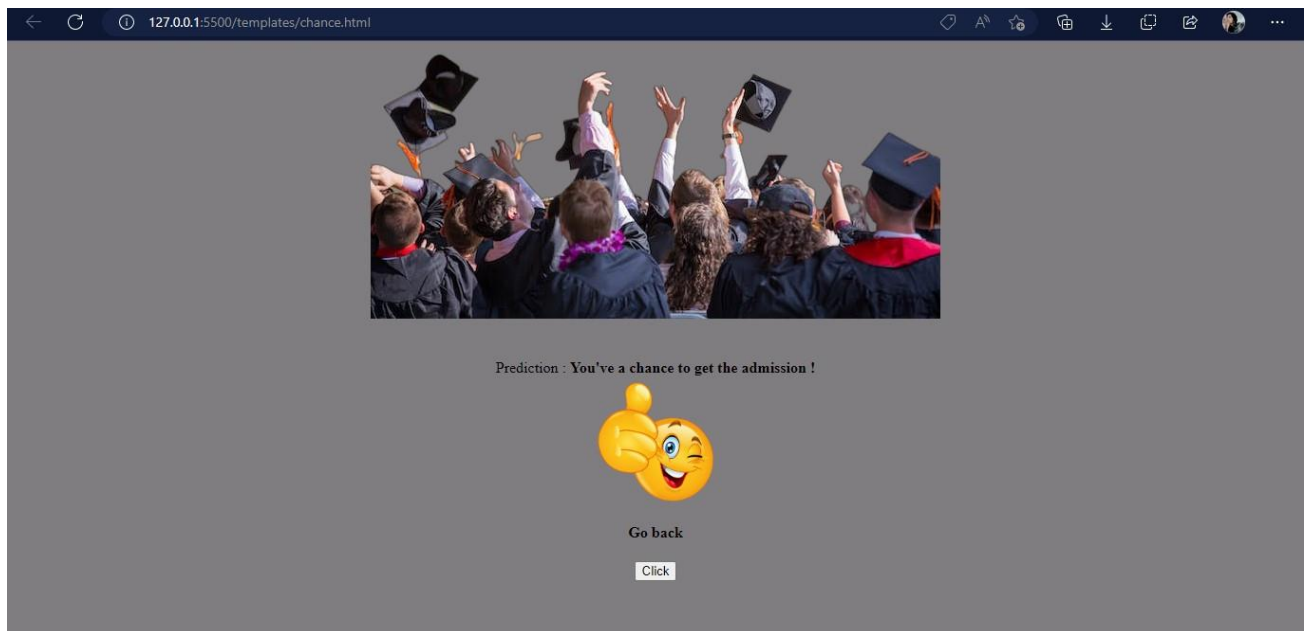
Research:

[Predict](#)

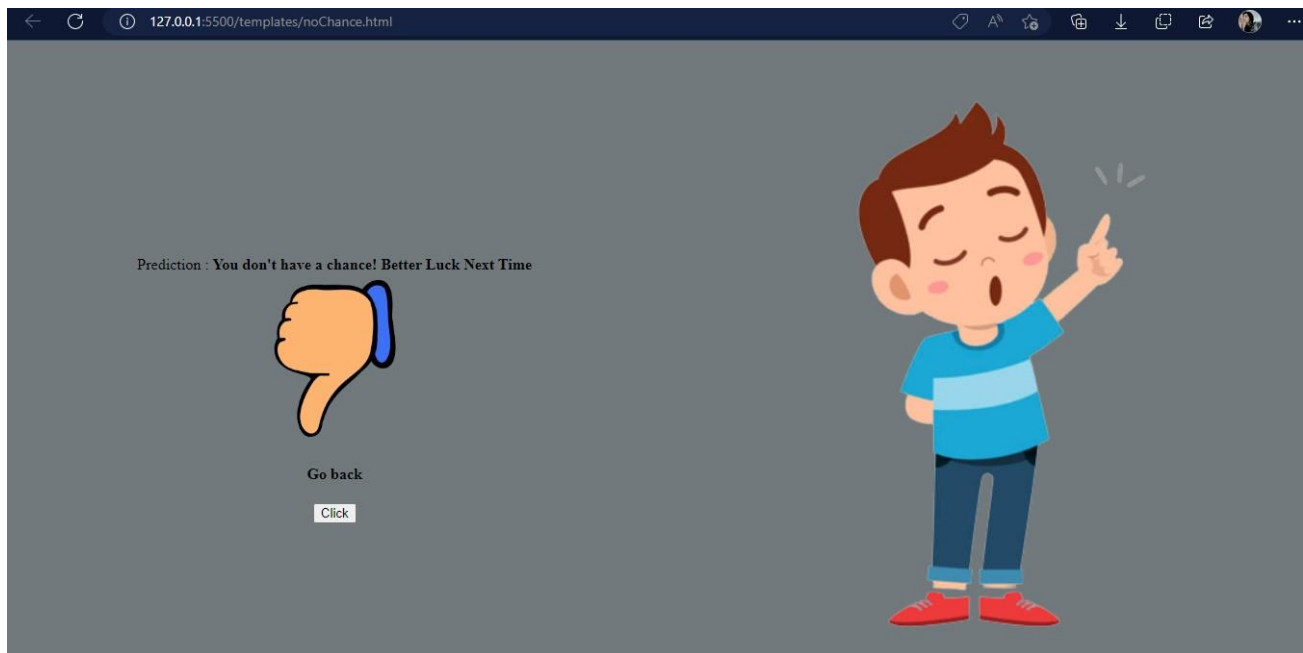
Alright reserved. © 2022

## 7.2.Feature 2

Chance figure:



No chance Image:



## 8.TESTING

### 8.1.Test Cases

Test case ID	Test case Description	Test Steps	Test Data	Expected Results	Actual Results	Pass/fail
LI-TC01	Checking Eligibility with valid data	1.Go to site 2.Enter the values of GRE, TOEFEL, CGPA, RATING, SOP, LRA, RESEARCH 3.Click Predict	GRE=323 TOEFEL=108 RATING=3 SOP=3.5 LOR=3 CGPA=8.6 RESEARCH=1	User is visible eligibility of the page	As Expected	Pass
LI-TC02	Checking Eligibility with valid data	1.Go to site 2.Enter the values of GRE, TOEFEL, CGPA, RATING, SOP, LRA, RESEARCH 3.Click Predict	GRE=250 TOEFEL=90 RATING=1 SOP=1 LOR=1 CGPA=7 RESEARCH=0	User is visible, non-eligibility of the page	As Expected	pass

### 8.2.User Acceptance Testing

## Defect Analysis

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

## Test case Analysis

Section	Total cases	Not Tested	Fail	pass
print Engine	7	0	0	7
client Application	51	0	0	51
Security	2	0	0	2

## 9.RESULTS

### 9.1.Performance Metrics

Software quality is a measurement of something intangible, “how good” a software product really is. Some of the aspects of software quality taken are i.

Scalability ii. Speed iii. Stability iv. Reliability

v. Security

vi. Maintainability and code quality

## LOAD TEST

Scenario Name	Load Test – University Admit Eligibility Predictor
Scenario Type	Load Test – Duration 1 hour
Scenario Objective	To Simulate the peak load and to monitor the performance of the website
Steps	The online load will be maintained at steady state
Entry Criteria	All the monitors are in ready state
Exit Criteria	Response met the criteria and test completion report is agreed

## STRESS TEST

Scenario Name	Stress Test - University Admit Eligibility Predictor
Scenario Type	Stress Test
Scenario Objective	Objective is to verify that the application can handle the projected growth and to discover the breaking point
Steps	Ramp up to 150% of peak volume and continuously increase load until breaking point
Entry Criteria	All the monitors are in place Test Data is set up Peak load test completed successfully
Exit Criteria	Test completion report is agreed upon as per expectation

## ENDURANCE / SOAK TEST

Scenario Name	Soak Test – University Admit Eligibility Predictor
Scenario Type	Endurance – Duration 8 hours
Scenario Objective	To discover memory issues and bottlenecks that might occur under daily usage of the application
Steps	Steady state is maintained for 8 hours with half of the peak load
Entry Criteria	All the monitors are in place Test Data is set up Peak load test completed successfully
Exit Criteria	Test completion report is agreed upon as per expectation

## 10.ADVANTAGES

- It helps student for making decision for choosing a right college.
- Here the chance of occurrence of error is less when compared with the existing system.
- Avoids data redundancy and inconsistency.
- It is fast, efficient and reliable.

## DISADVANTAGES

- Machine errors are unavoidable when occurred. (Hardware failure, network failure, others).
- The predictions made are not 100% accurate but accurate to an acceptable value

## 11.CONCLUSION

The project uses a Random forest regressor to predict the output and a web application is built to make the UI more accessible and easy using various technologies such as python, HTML5, CSS, Flask, Scikit, Matplot, Numpy, Pandas, Seaborn and other libraries. After the deployment of the web

application, it can be accessed from anywhere with internet connection. This project reduces the long hours of analysis to predict the eligibility of the admission to a rated university.

## 12.FUTURE SCOPE

The future scope of this project is very broad. Few of them are:

- This can be implemented in less time for proper admission process.
- This can be accessed anytime anywhere, since it is a web application provided only an internet connection.
- The user had not need to travel a long distance for the admission and his/her time is also saved as a result of this automated system.

## 13.APPENDIX

### Source Code index.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>University   Admit   Eligibility   Predictor</title>
  </head>
    <link rel="stylesheet" href="/static/css/style.css">

  <header>
    <h1>UNIVERSITY ADMIT ELIGIBILITY PREDICTOR</h1>
  </header>
  <body>
    <h2>Enter your details and get probability of your admission</h2>
  <div class="container">
    <p><b>Enter   GRE   Score   :   <input   type="number"   value="score   range   0-340"
style="bordercolor:blue;"></b></p>
    <p><b>Enter   TOEFL   Score   :   <input   type="number"   value="0-120"   style="border-color:
blue;"></input></b></p>
  </div>
  <form>
```



```

<label class="font_edits" for="university">University Rating:</label>
<select id="University Rating" style="border-color: blue">
  <option value="University Rating">1</option>
  <option value="University Rating">2</option>
  <option value="University Rating">3</option>
  <option value="University Rating">4</option>
  <option value="University Rating">5</option>
</select>
</option>
</form>
<p><b>Enter SOP Score : <input type="number" value="score" range 0-5"
style="bordercolor:blue;"></b></p>
<p><b>Enter LOR Score : <input type="number" value="score" range 0-5"
style="bordercolor:blue;"></b></p>
<p><b>Enter CGPA Score : <input type="number" value="score" range 0-10"
style="bordercolor:blue;"></b></p>
<form>
  <label class="font_edits" for="university">Research:</label>
  <select id="Research" style="border-color: blue">
    <option value="Research">Yes</option>
    <option value="Research">No</option>
  </select>
  <input type="button" value="Click"
  onclick="window.location.href='http://127.0.0.1:5501/templates/index.html'" class="btn
  btn-warning btn-lg" value="Click"/>
</div>
</div>
</body>
</html>

```

## Chance.html

```

<!DOCTYPE html>
<html>
<head>
  <title>eligibility</title>

```

```

</head>
<body style="background-color:rgba(102, 99, 102, 0.829);">
     <div
    style="padding-top: 2%">
        <style> img {
            display: block;
            margin-left: auto;
            margin-right: auto;
        }
    </style>
    <style> h1 {text-align: center;}
        p {text-align: center;}
        div {text-align: center;}
    </style>
    <p>Prediction : <b>You've a chance to get the admission !</b></p> <div
class="container">
    <h4 style="text-align:center;">Go back</h4>
    <input type="button"
onclick="window.location.href='http://127.0.0.1:5501/templates/index.html'"    class="btn    btn-
warning btn-lg" value="Click"/>
    </div>
</div>

</body>
</html>

```

## no chance.html

```

<!DOCTYPE html>
<html>
<head>
    <title>eligibility</title>
</head>

```

```

<body style="background-color:rgb(113, 121, 124);"></body> <body>
    
    <div style="padding-top: 15%">
        <style> img {
            display: block;
            margin-left: auto;
            margin-right: auto;
        }
        </style>
        <style> h1 {text-align: center;}
            p {text-align: center;}
            div {text-align: center;}
            p.small {
line-height: 0.7;
        }

        </style>
        <p>Prediction : <b>You don't have a chance! Better Luck Next Time </b></p>
    </div>
    <div class="container">
        <h4 style="text-align:center;">Go back</h4>
        <input type="button"
onclick="window.location.href='http://127.0.0.1:5501/templates/index.html';"          class="btn
btnwarning btn-lg" value="Click"/>
    </div>
</body>
</html>

```

## style.css h1

```

{
    text-align: center;
} h2{
    margin-top: 30px;

```

```
    text-align: left;
}
.font_edits{
    font-weight: bold;
}
.btn_edits{
    font-size: large;
}
::after{
    box-sizing: border-box;
}
picture{
    max-width: 100%;
    display: block;
}
body {
    background-image: url("/static/img/university\ background.jpeg");
    background-repeat: no-repeat;
    background-size: 100% 100%;          background-
attachment: fixed;
    color: white;
}

.container {
    border: 5px solid blue;
    margin-right: 800px;
    border-radius: 30px;
    background-color: grey;
    font-size: medium;
}

.footer {
    text-align: center;
```

```
justify-content: center;
padding-top: 10%;
font-weight: bolder;

}
```

## **app.py**

```
import pickle
from flask import Flask , request, render_template from
math import ceil
app = Flask(__name__, template_folder='template')
model = pickle.load(open("model.pkl","rb"))

@app.route('/')
def index(): return
render_template('
/demo2.html')

@app.route('/predict',methods = ['GET','POST']) def
admin():
    gre=(eval(request.form["gre"])-290)/(340-290)
    tofl=(eval(request.form["tofl"])-92)/(120-92)
    rating=(eval(request.form["rating"])-1.0)/4.0
    sop=(eval(request.form["sop"])-1.0)/4.0
    lor=(eval(request.form["lor"])-1.0)/4.0
    cgpa=(eval(request.form["cgpa"])-290.0)/(340.0-290.0)
    research=request.form["research"]
    if (research=="Yes"):
        research=1
    else:
        research=0
    preds=[[gre,tofl,rating,sop,lor,cgpa,research]]
    xx=model.predict(preds)
```

```
if (xx>0.5):  
    return render_template("chance.html",p=str(ceil(xx[0]*100))+"%")  
return render_template("nochance.html")  
if __name__ == '__main__':  
    app.run(debug = False, port=4000)
```

## GitHub Link

<https://github.com/IBM-EPBL/IBM-Project-39165-1660398805>

## Project Demo Link:

[Link](#)