### MAJOR / MINOR PROJECT ABSTRACT [Form - 1] (YEAR - 2023)

NAME OF LAB COORDINATOR: Sanju choudhavy

TITLE OF PROJECT: AI Based Personalized Electronic addets Recommen-- dation Eystem

PROJECT TRACK: (Tick the appropriate one / ones)

1. R&D	2. CONSULTANCY	3. STARTUP	4. PROJECT POOL	5. HARDWARE
(Innovation)	(Fetched from Industry)	(Self-Business Initiative)	(From IBM / INFOSYS)	/ EMBEDDED

#### **BRIEF INTRODUCTION OF PROJECT:**

AI-based Personalised Electronic addgets Recommendation System analyze your purperences & usage hatterns to suggest the perfect for delices tailored to your reeds. The System employs content. based filtering, which focuses on characteristics & features of gaelgets to determine their similarity. Cosine similarity is utilized as a measure to quantify TOOLS / TECHNOLOGIES TO BE USED: He similarity by were is preferences & gaelgets features.

NAME OF TOOL / TECHNOLOGY	VERSION	SOFTWARE / HARDWARE	PURPOSE OF USE
e visual studio	1.75	SIW	To implement Project
Frontend-HTML, CCC, JC		SIW	For one a time & developing interactive west
Flask		SIW	Python Based framework to been
rules Broules	are the fit is a	SIW	restry & requesting actions
			ulbpages.

#### PROPOSED PROJECT MODULES:

NAME OF MODULE	PROPOSED FUNCTIONALITY IN PROJECT
Responsible design modelle	Ensure peroject is suspensive with
	disserent devices & screen sizes.
Recommendation Engine	To suggest personalized gadgets
Gadgeti Catalog	ever amendation
2 and a lattering	augusta a catalog mediciones agolast
Search & filtering	Allow to search & filter Gadget based
Stores ,	on vaious witerios.

### TEAM MEMBER DETAILS:

STUDENT NAME	CLASS & GROUP	MOBILE No.	EXPERTISE AREA	ROLE IN PROJECT
Tain	Q.TTQ - U2	8824553787	Buckend	Development (Backend).
Sneha Khardelin	BITB-U2	9521795674	Exportend	Frontend uebdesigning connection
Snoha Kharacia	- 2 TTR-62	7733057422		Requirementiathering Dataston
Sonal Kuman	BTTB-62	9521305428	Dataprocessing	Data set Procesia & Documentain
Mishu Jain	DF III GE			and the second s

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator. 2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.

#### **ROLE SPECIFICATION OF TEAM MEMBERS [Form - 2]**

MEMBER 1 Vaibhall	Jain	HANDLING M	ODULE Backend
NAME OF ACTIVITY	SOFT DEADLINE DATE	HARD DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
		MACHINE THE STREET	Determining the work flow
Recommendation	15 4 23	20/4/23	Ourganising the stehrs done
Engine coding	7411-	111	cooline : Suryon to make
or agreement of			codine in cython to make
, which is the same of the sam			with the help of using
V-			flask learnework
	1000		rust promitturk
MEMBER 2 Smeha Kho	ndolwal	HANDLING N	ODULE <u>fevontend</u>
NAME OF ACTIVITY	SOFT	HARD	DETAILS OF ACTIVITY (STORY)
TOTAL OF ACTION	DEADLINE DATE	DEADLINE DATE	DETAILS OF ACTIVITY (STORY)
11m - 0 - 1 1	10100	WAT	Designing & configuring
Rome Page Moclule	15 4/23	10/3/23	welfrages evending page of
landing Page.	, (		system Project page of
7	11		, , , , ,
Recommendation	25/4/23	20/4/23	pesigning & continuing
Page		40 1 1 42	resigning & configuring
D made	rain cano	Laber In	The state of the s
4.5			
	emaurat	HANDLING I	MODULE R&D and Patruset
NAME OF ACTIVITY	SOFT	HARD	DETAILS OF ACTIVITY (STORY)
	DEADLINE DATE	DEADLINE DATE	L. C.
Page 100			understanding the desired
requirement	25 2 23	16 2 23	ulay ( solution to implement ulion mendation system.
Requirement			uliam mendation sixtem
100			Syptom Syptom
Greating Patriet	25 2 23	16/2/23	(seated the trate of order
0			Created the pataset of Gadge
Documentation	25 5 23	25 5 23	making Report.
		4 4 5 6 6 6	The separate
MEMBER 4		HANDLING	MODULE TO be Pro and Omercan
NAME OF ACTIVITY	SOFT	HARD	MODULE <u>POUR Processing &amp; DOCUM</u> DETAILS OF ACTIVITY (STORY)
	DEADLINE DATE		SELVIES OF WELLALLA (PAOKA)
Pata Processing	19 3 23	19 3 23	
8		1	Preprocess the data to
	A DESCRIPTION OF THE PROPERTY OF		mate it suitable for
		Fair Comment of the	- House
ocumentation	25 5 23	25 5 23	Maria
A Arter day Service Se	11/2		Making & editing the
		<del></del>	elquied documents.
		Two San	

MENTOR'S NAME & SIGNATURE Proven ISV. YOURU. Proven

NOTE: 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.

- 2. Every member student must keep a Xerox copy of this form as reference for his / her part in project work.
- 3. Students must provide the detailed list of planned activities along with their completion deadline dates.
- 4. The lab coordinator will check the weekly progress of student against the information provided in this form.

# PROJECT WEEKLY STATUS MATRIX (FOR LAB COORDINATORS) [Form-3A]

		Vailebar J	0111		
NAME OF PR	OJECT	AI Gosed Rusona	lised Electronic C	1adgets	
OTHER TEAM MEMBERS		2. Sneha Khandelwal	ised Electronic Gadgets n System 3. Sonali 4. M. Kumawat Ja		shu
(TO-FROM) WORKING ON MODULE		PROGRESS ACHIEVED	COMMENTS		
2 3 23	Pre-Dev. Task Pre-Dev.	Studied about the exquirement	good		8
2/2/53	Task.	hoose correct model	Completed on	Time	9
		worked on flask			9
13/3/	Recommendation Engine	used cosine similard	, Completed on	Tran	2
15 3129	Cusina	colonated accessors	. 4		9
20/3/23	Recommendation Engine	cremerated recommended	complete!		9
र श्वाय	Back End	Integrated flask	45 ay Coste	t Tech	9
× 4 13 15.	Back End	Added flask routes	4		10
54/3/5:	Back End	Added Flask routes	"		10
4/4/23	Testing	Testing & merging modul	a Complete	- while a li	9
8/4/53	Testing	testing & merging model	les Complete		10
12/4/2	Bug fixing	Bug fixing on modules	Complete		10
20/4/2	3 Bug fixing	desired output	Complete	67 199	9
TOTAL WEEKS	MODULE COMPLETED (YES / NO)	OVERALL PROGRESS (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)		RCENTAGE (S ESTIMAT

NOTE:1. This form is to be maintained in a file by lab coordinators for student – 1 of the team to track his / her progress.

- 2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student against the work done by student and note their own comments about student's performance.
- 3. The lab coordinator must evaluate student's work for every lab from a score of 10 points.
- 4. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the PERCENT MARKS to be awarded to the student for his / her performance.
- 5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR PERFORMANCE or 2 CONTINUOUS ABSENCE from lab.
- 6. In case of absence, 00 / 10 MARKS will be awarded if the mentioned work is not presented in next lab by student.

# PROJECT WEEKLY STATUS MATRIX (FOR LAB COORDINATORS) [Form-3B]

NAME OF STUDENT – 2  NAME OF PROJECT  OTHER TEAM MEMBERS		Incha Kiran	rdelizat	Maet
		A.I. Boised Personalised decteronic your Recommendation system 4. Mis		
		1. vaibheur	kumaunt	Jaim
WEEK	WORKING ON	PROGRESS ACHIEVED	COMMENTS	MARKS (X / 10)
(TO-FROM)	MODULE		arod	8
20/2/23	resign	V.T. ROSECULCH	Campleted Is expete.	1 9
-17	Design	Homepuffctionality	Campioor 22	9
25/2/23	Meigh	I LOOP I FEW WALLE	Complete	8
	Design	Recommendation J	Camplete	9
8 3 23	Activity	Responsible perign	you of Cated Tech	9
	Collictio		yse of case	9
	cata.	tu i ot usino	1	10
15/3/23	The state of the s	solocting seculous	<i>(</i>	10
1132	3 Emplorati	Explored motion	Complete	9
1 1	14210 ay vuu			10
3113	3 testery	Jesting & moulds	Complete	9
35 312	3 testing	Buy timing module	Complete  Complete	9
13 9	Bly fine	no sextual output	Complexe	
1 4 14/2	3 Buy for	IB RESULTED		PERCENTAGE
TOTAL	MODULE	D (POOK) ATT	OVERALL COMMENT (POOR / AVG / GOOD)  M	ARKS ESTIMATE
-	(YES / NO	0)		
		OR's REMARKS		

NOTE: 1. This form is to be maintained in a file by lab coordinators for student – 2 of the team to track his / her progress. 2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student

against the work done by student and note their own comments about student's performance.

3. The lab coordinator must evaluate student's work for every lab from a score of 10 points. 3. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the 4. The lab coordinator must compute average for his / her performance.

PERCENT MARKS to be awarded to the student for his / her performance. PERCENT MAKKS to be awarded to the distribution of student in case of POOR 5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR 5. The lab coordinator must IMMEDIATELY CONTINUOUS ABSENCE from lab. PERFORMANCE or 2 CONTINUOUS ABSENCE from lab.

PERFORMANCE or 2 CONTINUOUS 7.25

6. In case of absence, 00 / 10 MARKS will be awarded if the mentioned work is not presented in next lab by student.

## PROJECT WEEKLY STATUS MATRIX (FOR LAB COORDINATORS) [Form-3C]

AME OF PRO	DJECT	AI Boued Person Recommenda	ralised Electronic	uuu	geti	
OTHER TEAM MEMBERS		1. Valbhau Jain	2. Sneha knandelwal 4. M		ishu	
WEEK WORKING ON (TO-FROM) MODULE		PROGRESS ACHIEVED	COMMENTS		MARKS (X / 10)	
१।। २०२३	R4D	Browsing	good		8	
व्या । २०२	RAD	complete R&D	Campbelle As Exper	des	9	
88/1/203		finalized Project Clant Requirement	it ?		10	
1 2 202	3 Pata	searching difference ecommunications	nt e		9	
•		analyse them.	· year of Court ?	EL	9	
8 2 20	Data 128 creation	on the holder detail	4		0	
1 36	Fig. 1	4 finalise a too.	n //		10	
4.25	1 2 2 2 2 2 2	surape dato	Complete	4.14.0	(0	
15/2/2	3 Datacu	ration Strake dataset forgadget like their name & Oth			9	
		specification &	u complete		9	
16/2/2	Patocrea	spelification & saus the scrape data in est file	complete  Complete  Complete		9	
\$25 5		on Creating Report	Complete		9	
		- Jun 11-gen				
TOTAL	0.000,000,000	ED (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)	F CARCAGO (1980)	RCENTAGE KS ESTIMAT	

NOTE:1. This form is to be maintained in a file by lab coordinators for student – 3 of the team to track his / her progress.

- 2. Lab coordinators must cross check and evaluate the PROGRESS ACHIEVED + it's DOCUMENTATION by student against the work done by student and note their own comments about student's performance.
- 3. The lab coordinator must evaluate student's work for every lab from a score of 10 points.
- 3. The lab coordinator must evaluate student's work for every factors.

  4. The lab coordinator must compute average of these points at the end of semester to draw an estimate of the student for his / her performance.
- PERCENT MARKS to be awarded to the student for this / fiel person.

  5. The lab coordinator must IMMEDIATELY CONTACT MENTOR FACULTY of student in case of POOR. PERFORMANCE or 2 CONTINUOUS ABSENCE from Iau.

  6. In case of absence, 00 / 10 MARKS will be awarded if the mentioned work is not presented in next lab by

## PROJECT WEEKLY STATUS MATRIX (FOR LAB COORDINATORS) [Form-3D]

JDENT – 4	Micho Jain		0		
DJECT	AI Based Personalised	d Electronic Gudgets Ustem			
MEMBERS	1. Vaibhau Jain	2. Sneha 3. Sono Khandelwal Kuma		aliawat	
WORKING ON MODULE	PROGRESS ACHIEVED	COMMENTS		MARKS (X / 10)	
Drumentation	Gatherina Julos mation	good		9	
		Complate As &	expected	9	
Drumentation	mode SRS of broject	• 6	~	10	
Pre-Dev. Task	Rectify the Data	4 4	-	9	
		9 "	- 1	9	
ata Processing	Process the data	Use of latest	ech.	9	
Data Processing	Filter the data	4,			
Data Processing	process data in data formes	6		(0	
Exploration	Structuring Web Page	Complete		9	
explosation	Recommendation Engine	0			
Testing	Emerging Modules	/.		9	
Bug Fixes	Buy fixes on Modules	9	<u> </u>	10	
Bug fixe	spesized output	Conglete			
MODULE COMPLETED (YES / NO)	OVERALL PROGRESS (POOR / AVG / GOOD)	OVERALL COMMENT (POOR / AVG / GOOD)	150.5	RCENTAGE KS ESTIMA	
	MEMBERS  WORKING ON MODULE  DOCUMENTATION  DOCUMENTATION  Pre-Dev. Task  Data Processing  Data Processing  Exployation  Exployation  Exployation  Exployation  Exployation  Exployation  Bug Fixes  Bug Fixes  Bug Fixes  MODULE  COMPLETED	Mishu Jain  DIECT AI Based Personalised Recommendation SI  MEMBERS 1. Vaibhav Jain  WORKING ON PROGRESS ACHIEVED  DOWNCHATION Grathering Information  Downchation Browsing  Downchation Mode SRS of broject  Pre-Dev. Rectify the Data  Pre-Dev. Rectify the Data  Pre-Dev. Task Studied about Dataset  Data Process the data  Data Processing Filter the data  Process data in  Data Processing Filter the data  Process data in  Data Processing Clata Formes  Exploration Structuring Web Page  Exploration Structuring Web Page	Mishw Jain  AI Based Personalised Electronic Gradgets Recommendation system  MEMBERS 1. Vaibhav Jain 2. Sneha Khandclwal  WORKING ON PROGRESS ACHIEVED COMMENTS  Decumentation Grathering Information good  Exploration Byowsing Complete as a c	Mishu Jain  AI Based Personalised Electronic Gradgets  Recommendation system  I. Vaibhav Jain  Working on Progress Achieved Comments  Working on Module  Documentation Grathering Information  Documentation Browsing  Documentation Mode SRS of Project  Pre-Dev. Rectify the Data  Pre-Dev. Rectify the Data  Process the data  Process the data  Process data in  Data Processing Filter Hae data  Process data in  Data Processing Cata Cormes  Exploration Association Web Page  Exploration Recommendation Engine  Testing  Testing  Emergiag Modules  Bug Fixes Desired Output  MODULE  COMPLETED  OVERALL PROGRESS  OVERALL COMMENT  PE  MODULE  OVERALL	

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