

School Of Computer Science University Of Petroleum and Energy Studies P.O. Bidholi, Via-Prem Nagar DEHRADUN-248007

Issue Date: 16/09/2021

Bachelors of Technolgy in Computer Science & Engineering

Minor Major Major

Project Title

PLAYLIST MANAGER USING FISHER - YATES ALGORITHM

Mentor Name

RAVI SHANKER SINGHAL

S.No	Rollnumber	ımber Branch Name		Role	Signature	
1	R177219092	AI&ML	ISHIKA KESARWANI	Planner, coder	Ishíka	
2	R177219122	AI&ML	NIHARIKA AGRAWAL	Coder, Tester	Níharíka	
3	R177219130	AI&ML	PRABHRAJ SINGH	Coder, Designer	<u>Prabhraj</u>	
4	R177219131	AI&ML	PRADUMN NATHAWAT	Coder, Req. Analysis	Pradumn	

		Project Mentor					Cluster Head					
	Date		1							ject Status		
		Understanding of Project	Project Working	Soft Skills	Report	Mento	r Marks	Total Marks	Activity	y Coordinator		
	R.No	25 Marks	35 Marks	10 Marks	15 MARKS		MARKS	100 MARKS				
	R177219092	0	0	0	0		0	0				
	R177219122 R177219130	0	0	0	0		0	0				
	R177219130	0	0	0	0		0	0				
		-	'	Syı	nopsis Evalua	tion						
				Theore	tical Underst	anding						
llno	Problem(4 Marks)		Algorithm(4 Data /Data structure(4 Marks) Marks)		SWOT Analysis(4 Marks)		Area of Application(4		Total Marks(2			
92	. ,		Marks)	Iviark	s)	IVIa	irks)	Marks)				
122										0		
130										0		
131										0		
										0		
nel Remai	rk Reviewe	r 1	Reviewer 2	R	eviewer 3		Reviev	ver 4	Re	eviewer 5		
				Mid	l- Term Evalu	ation						
				DESIG	N & DEVELOR	MENT						
llno		Technical Diagram(5		Programming Concepts(5 Marks)			IPC(5 Marks) Libra		aries(5 Marks) SRS(Total(20			
92	iviarks	Marks)								10) Marks		
22										0		
130										0		
131										0		
01										0		
ınel Remai	rk											
	Reviewer 1		Reviewer 2 Reviewer 3		Review		wer 4 R		Reviewer 5			
				Enc	d-Term Evalua	ation						
1		Testing & Implementation										
	Theoretical Kno		mputational	Test Case	(10)	Soft Skills	Report(5)		Computational	Total (50)		
llno)	Kı	nowledge(5)	1000	- (/	(10)			Skills(15)			
92										0		
22										0		
130										0		
31										0		
anel Remai	rk											
anel Remai	rk Reviewe	r 1 I	Reviewer 2	R	eviewer 3		Reviev	ver 4	Re	viewer 5		



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Bachelors of Technolgy in Computer Science Engineering Minor Major RAVI SHANKER **Project Title** PLAYLIST MANAGER USING FISHER - YATES ALGORITHM **Mentor Name** SINGHAL Shuffle as a feature is something we tend to use every day, may it be Spotify's shuffle play or apple music's shuffle playlist. Abstract Shuffling is a method employed to randomize a data set to ensure an element of chance when elements from the data set are selected at random. Making the music playlist foresighted based upon the user's preference using Fisher-Yates Algorithm. So, the songs will be fetched from the playlist and would be displayed on the screen in a shuffled manner. 1. Understanding the problem 2. Data collection and preparation Methodology 3. finding the best approach 4. Applying Fisher - Yates Algorithm 5. sorting an order of a playlist based on certain criteria Progress 1 Marks 10 10 10 10 10 10 10 15 Mentor **Roll Number** Step 3 Step 7 Step 1 Step 2 Step 4 Step 5 Step 6 Internal Date/Mentor Signature Progress 2 Marks 10 10 10 10 10 10 10 15 Mentor **Roll Number** Step 1 Step 2 Step 3 Step 4 Step 5 Step 6 Step 7 Internal Date/Mentor

Guideline: 1) A project group can be of maximum 4 members and no alteration in the group member will be entertained later.

Guideline: 2) Methodology should have following steps Step1: Literature Review; Step2: Identification Of Requirement (Type Of Data source, Amount Of Data, & Format of Data); Step3: Identification of Algorithm; Step4: Comparative study; Step5: Design and Development of System/Architecture; Step 6: Implementation; Step7: Results Guideline:3) Student should upload softcopies of all the documents (reports and power point presentations) in "Project Directory", 24 hrs prior to evaluation.

Guideline:4) Panel member will give feedback to individual on the scale of 1 to 5 and this scale will change for defaulter i.e. 1 to 3 scale.

1: Poor

2: Average

3: Good

4: Excellent

5: Outstanding