

Project – TA mapping

Assigned TA's	Group Numbers	Project numbers
1. Anamitra Mukherjee 2. Nilmadhab Das	Group 9, 10, 18	5, 12
1. Ajanta Maurya 2. Abhishek Ranjan	Group 7, 8, 16, 17	10, 11
1. Shubham Agarwal 2. Vutukuru Abhijith	Group 3, 13, 19, 20	4, 6
1. Dhruvil 2. Vanshita Bansal	Group 2, 5, 11, 22	1, 3
1. Akhila Preethi 2. Surbhi Jain	Group 4, 12, 14, 21	7, 8
1. Abhijit Deuri 2. Rishabh Mahanta	Group 1, 6, 15	2, 9

Project Allotment

No.	Group Members	Project details	Assigned TA's
1.	1. Aadi Aarya Chandra (200101002) 2. Aditya Patel (200101008) 3. Akshat Mittal (200101011) 4. Anindya Vijayvargeeya (200101015) 5. Gunjan Dhanuka (200101038) 6. Pranjal Singh (200101084)	Project 2	Rishabh Mahanta Abhijit Deuri
2.	1. Satvik Tiwari (200101091) 2. Pranjal Baranwal (200101083) 3. Yash Garg (200101113) 4. Pauras Manoj Tarle (200101077) 5. Abhinav Kumar Choudhary (200101005) 6. Hemant Kumar Meena (200101041)	Project 1	Dhruvil Vanshita Bansal
3.	1. Abhishek Kumar (200101006) 2. Amjed Parvaiz(200101014) 3. Tapan Sethi(200101099) 4. Pinkee Kumari Singh (200101078) 5. Mohit Kumar(200101067) 6. Pankaj Yadav(200101074)	Project 4	Shubham Agarwal Vutukuru Abhijith
4.	1. Pranshu Pandya(200101073) 2. Vedant Shah(200101115) 3. Dhruv Tarsadiya(200101123) 4. Mansi (200101064) 5. Pranshu Shah(200101087) 6. Hetang Patel (200101076)	Project 7	Akhila Preethi Surbhi Jain
5.	1. Anurag Ravi(200101017) 2. Bhanu Rajput(200101024)	Project 3	Dhruvil Vanshita Bansal

	3. Gaurav Kumar (200101033) 4. Himanshu Shekhar (200101042) 5. Himanshu Yadav (200101043) 6. Ravi kumar (200101089)		
6.	1. Lovish Aggarwal (200101125) 2. Agney S Talwarr (200101116) 3. Dheeraj Garg (200101118) 4. Pratham Pekamwar (200101087) 5. Prakhar Pandey (200101081) 6. Pradeep Kumar (200101080)	Project 9	Rishabh Mahanta Abhijit Deuri
7.	1. Aditya Patidar(200101009) 2. Aman Soni(200101012) 3. Om Gunjal(200101037) 4. Kartik Malasiya(200101053) 5. Mukul Garg(200101068) 6. Vishal Kumar(200101109)	Project 10	Ajanta Maurya Abhishek Ranjan
8.	1. Arpan Khandare (200101018) 2. Ashish Paide (200101072) 3. Bhoomiraj Patel (200101075) 4. Naman Anand (200101070) 5. Souradeep kar (200101096) 6. Sujeet Kamble (200101097)	Project 11	Ajanta Maurya Abhishek Ranjan
9.	1. Anmoldeep Singh (200101016) 2. M Samson (200101061) 3. Arthi Sai Akshith (200101019) 4. Kartik Sharma (200101054) 5. Dhananjai (200101029) 6. Ujwal Kumar (200101100)	Project 5	Anamitra Mukherjee Nilmadhab Das
10.	1. Rohit Ghongade(200101034) 2. Yash Aggarwal(200101112) 3. Hridyanshu(200101044) 4. Harshita Kabra(200101039) 5. Mukul Lakra(200101069) 6. heemanth (200101056)	Project 12	Anamitra Mukherjee Nilmadhab Das
11.	1. Vishal Meena(200101110) 2. Ayan Gautam(200101022) 3. Shashank Singh(200101092) 4. Vanshita(200101103) 5. Deep Kaur(200101028) 6. Mihir Sagar(200101065)	Project 1	Dhruvil Vanshita Bansal
12.	1. Kartikey Gupta(200101055) 2. Vansh Rathore(200101102) 3. Ripudaman Singh(200101090) 4. Manan Parihar(200101063) 5. Kirti Bansode(200101057) 6. Lokesh Nahar(200101060)	Project 8	Akhila Preethi Surbhi Jain
13.	1. Ashwitha Banoth (200101021) 2. Jeram Niharika (200101046) 3. Srividya Bokka (200101026) 4. Vishal Bulchandani (200101108) 5. Minali Manhar (200101066)	Project 4	Shubham Agarwal Vutukuru Abhijith

	6. Suma Shree Yenugonda (200101114)		
14.	1. Harshwardhan Bhakkad (200101040) 2. Dhruv Somani (200101119) 3. Nandini Sharma (200101122) 4. Shivam Garg (200101120) 5. Dhruv Shah (200101124) 6. Arpan Khanna (200101121)	Project 7	Akhila Preethi Surbhi Jain
15.	1. Gundameedi Sai Ram Mohan (200101036) 2. Bachalakuri Samuel Sunny Kumar (200101023) 3. Ganji Pala Venki Reddy (200101031) 4. Billa Pramodh (200101025) 5. Abburi Charishma (200101003) 6. Kandula Sravya (200101050)	Project 9	Rishabh Mahanta Abhijit Deuri
16.	1. Viraj Goyanka (200101107) 2. Mahek Vora (200101062) 3. Vikram Singla (200101117) 4. Arya Phadke (200101020) 5. Vani Krishna Barla (200101101) 6. Siddharth Bansal (200101093)	Project 10	Ajanta Maurya Abhishek Ranjan
17.	1. Chandrabhushan Reddy (200101027) 2. Manideepak Gannoju (200101032) 3. Sathvika Kalangi (200101048) 4. Lohith Lenka (200101059) 5. Hareesh Nandigrama (200101071)	Project 11	Ajanta Maurya Abhishek Ranjan
18.	1. Kanchumarthi H Pravallika(200101049) 2. Gandrathi Srija(200101030) 3. Pruthvi Raj G N(200101088) 4. Yakkala Hema Venkat Rao(200101111) 5. Advaita Mallik(200101010)	Project 18	Anamitra Mukherjee Nilmadhab Das
19.	1. Alokveer Mondal(190123003) 2. Manish Kumar(190123067) 3. Aman Kumar(190123004) 4. Aditya Raj(190108001) 5. Ronit kumar kaushik(210106056) 6. Siddhi Sutrave (210106069)	Project 6	Shubham Agarwal Vutukuru Abhijith
20.	1. Aadarshraj Sah (200101001) 2. Pranshu Kandoi (200101086) 3. Tanveen (200101098) 4. Siddharth Hemant Khincha (200101094) 5. Vatsal Gupta (200101105) 6. Poddutoori Sweeya Reddy (200101079)	Project 6	Shubham Agarwal Vutukuru Abhijith
21.	1. Vasireddi Mohith Sai(200101104) 2. Kakunuri Manideep Reddy(200101047) 3. Kapuluru Vikas Reddy(200101051) 4. Vineeth Chowdary Chaganti(200101106) 5. Karri Sai Vamshi (200101052)	Project 8	Akhila Preethi Surbhi Jain
22.	1. Abhinav Ayush(200101004) 2. Adarsh Malviya(200101007) 3. Pranav Nair(200101082)	Project 3	Dhruvil Vanshita Bansal

	4. Sidharth Choudary(200101095) 5. Kothapalli Kumudha Valli(200101058)		

Majuli River Island virtul tour (interactive)

Description: We want to create a virtual tour of the Majuli river island, which should let the *user experience the ecological, cultural and architectural heritage*. There are 4 major components of the tour as listed below.

1. **A beginning:** before start of tour of specific sites (temples and village). Should follow a script. Should contain multimedia (image, video, audio) to give a comprehensive idea on the location, important places, geography, ecology and daily life on the river island. Audio may include voice over and ambient audio.
2. **Tour of Kamalabari temple premise:** audio-visual tour, multimedia enabled (wherever possible) with support for interactive navigation (*World-In-Miniature* technique for location awareness and *teleportation* for navigation). Should let the viewer experience daily rituals and special events.
3. **Tour of Auniati temple premise:** audio-visual tour, multimedia enabled (wherever possible) with support for interactive navigation (*World-In-Miniature* technique for location awareness and *teleportation* for navigation). Should let the viewer experience daily rituals and special events.
4. **Tour of Jangraimukh tribal (mishing) village:** audio-visual tour, multimedia enabled (wherever possible) with support for interactive navigation (*World-In-Miniature* technique for location awareness and *teleportation* for navigation). Should let the viewer experience major activities and daily life.

Content: regular and 360 images, models, audio and videos (camera and drone).

Project ideas:

Project No	Description (in terms of the above 4 components)	Group assigned
1	1+2 (with 360 degree images, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	2, 11
2	1+3 (with 360 degree images, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	1
3	1+4 (with 360 degree images, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	5, 22
4	1+2 (with 3D models, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	3, 13
5	1+3 (with 3D models, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	9
6	1+4 (with 3D models, other images and videos) – for oculus quest 2 HMD/ Oculus rift HMD + desktop	20, 19

7	1+2 (with 360 degree images, other images and videos) – for smartphone with Google cardboard	4, 14
8	1+3 (with 360 degree images, other images and videos) – for smartphone with Google cardboard	12, 21
9	1+4 (with 360 degree images, other images and videos) – for smartphone with Google cardboard	6, 15
10	1+2 (with 3D models, other images and videos) – for smartphone with Google cardboard	7, 16
11	1+3 (with 3D models, other images and videos) – for smartphone with Google cardboard	8, 17
12	1+4 (with 3D models, other images and videos) – for smartphone with Google cardboard	10, 18

Note:

1. You will be provided the basic contents (images, videos, 3D models)
2. You may need to create/obtain ambient audio, voice overs, some new 3D models.
3. Initial code will be given to you as and when required.