**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, 22 |
| 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.