**Note：**

请每个小组成员仔细填写此表格并确保信息准确且易读

\* 所有填写的信息将提供给教师团队作为评估参考

\* 请使用学术英文填写表格

|  |  |
| --- | --- |
| **Ed Course Number** (ex. PA ST 1234) | PACSSR-301007 |
| **Group Number** (ex. Group 3) | Group 3 |
| **Group (Individual) Project Title** | 3D Animation & VR Realization of Cookies, Snowman Candy, and Cake |
| **Group Leader Full Name** (ex. Ming Li) | Yuming(Austin) Zhang |

**Each group member should clearly state what proportion of the work they contributed to the overall final project.**

每个小组成员都需要清晰的表明自己在final project负责的部分

**以下为正确范例 ：**

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Ming Li | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Introduction; Conclusion; Proofreading |
| Written Report | Introduction; Conclusion; Proofreading |
| Overall | My name is Ming Li. As the team leader, I assigned each team member a portion of the assignment to accomplish, pulled together everyone's inputs, proofed the paper for grammar, punctuation, and formatting errors. I was also responsible for completing the introduction and conclusion sections for both the oral presentation and the written report. |

INDIVIDUAL CONTRIBUTION (1)

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Chengzi(Tsukumo) Jiang | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Three.js Animation |
| Written Report | Three.js Animation |
| Overall | I led the animation system development using Three.js, implementing interactive features such as jumping, rotation, and pause/resume control. I also designed a dynamic background switcher, supporting solid colors, gradients via custom shaders, and a real-time starry sky effect. My work focused on enhancing model interactivity and visual dynamics through responsive UI controls and optimized rendering logic. |

INDIVIDUAL CONTRIBUTION (2)

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Xi(Wency) Wei | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Procedural Modeling of the Cake and the Plate |
| Written Report | Procedural Modeling of the Cake and the Plate |
| Overall | In terms of the project content, I was responsible for creating the models of a heart-shaped cake and a plate using OpenSCAD. I also completed the report for the part that I was in charge of. After finishing the report, I worked on creating the PPT. I utilized my own strengths to promote communication and cooperation within the team. I assisted the team leader in decomposing, coordinating, and planning tasks, and enlivened the team atmosphere. During the oral presentation, I was responsible for explaining the part of the models that I was in charge of. |

INDIVIDUAL CONTRIBUTION (3)

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Zhuoyuan(Justin) Wu | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Procedural Modeling of the Geometry Cookies, VR Realization |
| Written Report | Procedural Modeling of the Geometry Cookies, VR Realization |
| Overall | I led the VR development using A-Frame and Glitch, building an interactive 3D preview with camera controls and animations. Additionally, I modeled three distinct cookie types (Classic, Modern, Artistic) in OpenSCAD, ensuring clean geometry and parametric flexibility. My work bridged modeling and VR implementation for a seamless user experience. |

INDIVIDUAL CONTRIBUTION (4)

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Tianlang(Eric) Yin | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Unable to attend presentation due to a computer crash |
| Written Report | Procedural Modeling of the Normal Cookie |
| Overall | My name is Tianlang Yin, and I serve as the primary modeling specialist in the group. I conducted an in-depth analysis of the procedural modeling techniques in OpenSCAD to develop the models required for our project. Additionally, I ensured that the complexity of the models adhered to the specified requirements to the greatest extent possible. Furthermore, I took responsibility for drafting the section on modeling steps in the written report. |

INDIVIDUAL CONTRIBUTION (5)

|  |  |  |
| --- | --- | --- |
| **FULL NAME** | Yuming(Austin) Zhang | |
| **INDIVIDUAL CONTRIBUTION** | Oral Presentation | Introduction, Project Overview, Procedural Modeling of the Snowman Candy, Three.js Interactive Controls, Results |
| Written Report | Project Overview, Procedural Modeling of the Snowman Candy, Three.js Interactive Controls, Results |
| Overall | My name is Yuming(Austin) Zhang. As the team leader, I assigned each team member a portion of the project and organized the written report in LaTeX. As a group member, I implemented the modeling of a Snowman Candy through OpenSCAD, coded the interactive control dropdowns in Three.js, and finished my parts in the written report. As a presenter, I made our group presentation smooth by adding introduction and transitions and explained the parts I am in charge of. |