**Notes:**

1. Compress all files into a .rar or .zip file whose name is composed of student name and ID (such as "ID\_name\_project.zip").

2. All the documents you hand in should be in English.

**Requirement details for the program and the report:**

**Project contents**

* You may select one of the following topics listed below as your final project. You can also choose other related topics which you are interested in.
  1. Voice recognition Apps;
  2. [Kinect-based interactive systems](https://shenyingtongji.gitee.io/home/course/HCI2022Spring/projects/A%20Kinect-based%20interactive%20system.docx);
  3. Leap motion-based interactive systems;
  4. 3D interactive systems: Compared with 2D systems, 3D systems offer a more user-friendly interface. In this project, you may develop a simple 3D interactive system, such as a 3D map or a game, etc. There are many development tools (such as Unity3D). You can use any of these tools to develop your system.
  5. [Interactive system based on gesture](https://shenyingtongji.gitee.io/home/course/HCI2022Spring/projects/Gesture%20recognition.docx);
  6. Augmented reality
* The project should be finished by a team with less or equal than (<=) 3 students.
* We have 4 Kinect and 2 Leap motion devices. You can come to Prof. Shenying’s office to borrow them, but you should email me first in case they have been borrowed by others.

**Program** (20 points)

* You should submit your program for the final project and a readme file with instructions on how to run the program.

**Report** (30 points)

* Your report should be written in English and contain the following contents:

1. A brief description about your program (including the structures and modules of the program);

2. The implemented requirements（包括介绍好面向什么用户，用户有什么特定要求，要为用户实现什么功能，哪些部分体现了用户交互或用户友好）;

3. Advantages and disadvantages of your program;

4. How to improve your program;

5. Contribution of each member

|  |  |
| --- | --- |
| Program:  Each feature(function) 6'; Origninality 2'  e.g., speech recognition, provide an overview of the results, provide a dashboard, etc. | Report:  1. (9'); 2. (4'); 3.(9'); 4. (4'); in English (2'); Clarity (2') |
|  |  |

**Presentation**

* Time for presentation: 7 min
* The presentation can be organized as:

1. A introduction to your program (介绍好面向什么用户，用户有什么特定要求，要为用户实现什么功能);

2. Novelty of your project（介绍好项目在设计上的一些创意思路）;

3. **Contribution of each member**

**根据Program和Report提交情况评分，第17周周五上课前提交，迟交1天扣1分**

**贡献一样：**小组项目分，即为个人评分

**贡献不一样：**按照Report介绍的贡献比，个人评分=小组项目分\*贡献比，个人评分最高不超过50分。如果小组贡献比差距过大，并且小组成员间对贡献比的分配分歧严重，会在团队协作方面适当扣分。