**16301168\_张力天**

**A museum visit for an old German**

**PROBLEM SCENARIOS**

One day an old man from German who has some problem with his eye wants to visit the exhibition. All items in exhibits have a QR code ,he scans them and get a audio about the item, but it is English, it is a little difficult for him to understand. The information about item detail on plasques is also Engilsh,and the frot size is just 50pt,so he feels it is hard to see clearly.Last but not least he wants to see Roman manuscripts but there are too many high and strong man in the lightless room ,as a result he can see nothing.Ti is a pity.

**ACTIVITY SCENARIOS**

It is a really magic museum visit for Tom an old German who has problem with his eye.Our museum system has designed for different ages people. First ,before he wents into the entrance he is asked to sign a paper for his basic information and requirments,besides he downloads an APP(provided by museum) which stores his information.Although the items's introduction is English and Chinese,he can scan the QR code on the item(use museum APP),then he can read the German introduction easily besides the front on the APP is larger, because of his eye pronlems.He can also choose to listen the audio while watching the items.When he goes to the dark room for Roman manuscripts which are damaged by light,he see a screen on the wall which are designed for someone who can't see clearly in the dark.For some small items, there are also some special screen designed for them, evenif lots of people around, he can see it easily.

**Claims Analysis**

| **Claims** | **Positive or Negative** |
| --- | --- |
| All items in exhibits have a number associated with them; this number can be used to either refer to an audio guide entry or a print guidebook for more information about the item. | Positive |
| Some exhibits have small plaques that detail more information about the items contained within the exhibit; these plaques are always in Chinese and English with relatively small font sizes (50 pt). | Negative |
| English and Chinese guidebooks and audio guides are always substantially more detailed than alternative languages. | Negative |
| English and Chinese guidebooks and audio guides are always substantially more detailed than alternative languages. | Negative |
| Some exhibits have objects that are damaged by light (such as Roman manuscripts) and as a result must be kept in the darkened chambers; patrons of the museum complain that they have trouble identifying objects and making out their details. | Negative |

**16301170\_张袁峰**

**Scenarios**

**Problem Scenario**

A student visited to the museum. He found that he was interested in an item and he wanted to know more about it. But the font size of the plaque is too small. So he used the exhibit number for a guide. However, he has a poor English and poor Chinese. So he couldn't get more details. He think if the museum can provide more detailed guides in other languages, it will be better. Then he found that there were some items that he couldn't watch them clearly. He think maybe provide some photos and details be good.

**Claims Analysis**

| **Claims** | **Positive or Negative** |
| --- | --- |
| All items in exhibits have a number associated with them; this number can be used to either refer to an audio guide entry or a print guidebook for more information about the item. | Positive |
| Some exhibits have small plaques that detail more information about the items contained within the exhibit; these plaques are always in Chinese and English with relatively small font sizes (50 pt). | Negative |
| English and Chinese guidebooks and audio guides are always substantially more detailed than alternative languages. | Negative |
| English and Chinese guidebooks and audio guides are always substantially more detailed than alternative languages. | Negative |
| Some exhibits have objects that are damaged by light (such as Roman manuscripts) and as a result must be kept in the darkened chambers; patrons of the museum complain that they have trouble identifying objects and making out their details. | Negative |

**Activity Scenario**

A student visits to the museum. He find that he is interested in an item an he wants to know more about it. He uses the item number for more ditails. Since he is a Spanish, he reads the Spanish-version audio guide and guidebook. He searchs for the detailed information online because of the small font size of the plaques. Then he goes to watch other objects. But he can't see them clearly. So he chooses to watch the video of the objects.

**Use-case Action Table**

| **Requirement** | **Use Cases** |
| --- | --- |
| The student will be able to find the detailed information of the item. | Search the item using its number (Student) |
| The student will be able to see information in his own language. | Select the language (Student) |
| The student will be able to hear audio in his own language. | Transfer word-type information to voice-type (Museum) |
| The student will be able to watch videos of objects which can't see clearly. | Search the videos of items (Student) |