Survey Questionnaire for gathering data and user expectations for the “**CELESTAR: Interactive 3D Planets and Constellation Exploration with Assessment Using Augmented Reality for Grade 6 Elementary Science Education”**

1. **Students Respondent’s Profile**Directions: Kindly provide the needed information as indicated below.

Name(Optional): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Age: \_\_\_\_\_\_\_\_\_\_\_  
Gender: □Male □Female □Prefer not to say

**Instructions:** Please check the box that matches your opinion.  
**Scale:** 1 – Strongly Disagree | 2 – Disagree | 3 – Neutral | 4 – Agree | 5 – Strongly Agree

Questions:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Content Expectations** | **1** | **2** | **3** | **4** | **5** |
| I expect the app to help me understand planets and constellations better in the solar system.  (*Inaasahan ko na makakatulong ang app upang mas maunawaan ko ang mga planeta at konstelasyon sa loob ng solar system.)* |  |  |  |  |  |
| I expect the app to match what we learn in science class.  (*Inaasahan ko na tugma ang app sa mga aralin namin sa science class.*) |  |  |  |  |  |
| I expect the app to give correct and easy-to-understand information.  *(Inaasahan ko na magbibigay ang app ng tama at madaling maintindihang impormasyon.)* |  |  |  |  |  |
| **Usability Expectations** | **1** | **2** | **3** | **4** | **5** |
| I expect the app to be easy to use and navigate.  *(Inaasahan ko na magiging madali lang ang pag gamit ng app.)* |  |  |  |  |  |
| I expect the app will make me more interested in astronomy topics.  *(Inaasahan ko na mas magiging interesado ako sa mga paksa tungkols sa astronomiya.)* |  |  |  |  |  |
| I expect the app to make learning astronomy topics fun and exciting.  *(Inaasahan ko na magiging masaya at kapanapanabik ang pag-aaral ng astronomiya gamit ang app.)* |  |  |  |  |  |
| **Performance Expectations** | **1** | **2** | **3** | **4** | **5** |
| I believe the app will run smoothly on the device.  *(Nanininiwala ako na tatakbo nang maayos ang app sa device.)* |  |  |  |  |  |
| I expect the Augmented reality (AR) from the app will appear quickly when I scan.  *(Inaasahan ko na mabilis lalabas ang Augmented Reality (AR) mula sa app kapag nag-scan ako.)* |  |  |  |  |  |
| I expect the app will not take too long to load.  *(Inaasahan ko na hindi matagal magbukas ang app.)* |  |  |  |  |  |
| **Overall Expectations** | **1** | **2** | **3** | **4** | **5** |
| I think this app will help me learn astronomy topics better.  *(Satingin ko ay matutulungan akong mas matuto ng astronomiya sa tulong ng app.)* |  |  |  |  |  |
| I prefer learning with technology compared to books alone.  *(Mas gusto kong matuto gamit ang teknolohiya kumpara sa pag gamit lamang ng libro.)* |  |  |  |  |  |
| I am excited to try the CELESTAR app in my science class.  *(Ako ay nasasabik na masubukan ang CELESTAR app sa aming science class.)* |  |  |  |  |  |

What do you expect most from this app?  
*(Ano ang pinaka inaabangan o gusto mong makita sa app?)*

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Survey Questionnaire for gathering data and user expectations for the “**CELESTAR: Interactive 3D Planets and Constellation Exploration with Assessment Using Augmented Reality for Grade 6 Elementary Science Education”**

1. **Teachers Respondent’s Profile**Directions: Kindly provide the needed information as indicated below.

Name(Optional): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Age: \_\_\_\_\_\_\_\_\_\_\_  
Years of Experience in Teaching Science Class:\_\_\_\_\_\_\_\_\_\_\_\_  
Gender: □Male □Female □Prefer not to say

**Instructions:** Please check the box that matches your opinion.  
**Scale:** 1 – Strongly Disagree | 2 – Disagree | 3 – Neutral | 4 – Agree | 5 – Strongly Agree

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Content Expectations** | **1** | **2** | **3** | **4** | **5** |
| I expect the app to provide accurate and curriculum-aligned astronomy content. |  |  |  |  |  |
| The app should support both teaching and independent student learning. |  |  |  |  |  |
| The app should include meaningful activities and assessments. |  |  |  |  |  |
| **Compatibility Expectations** | **1** | **2** | **3** | **4** | **5** |
| The app should work properly on different devices (phones, computers). |  |  |  |  |  |
| The app should integrate well with classroom use. |  |  |  |  |  |
| **Usability Expectations** | **1** | **2** | **3** | **4** | **5** |
| The app’s interface should be simple and intuitive for students. |  |  |  |  |  |
| The app should encourage student engagement and participation. |  |  |  |  |  |
| The app should provide clear instructions for activities. |  |  |  |  |  |
| **Reliability Expectations** | **1** | **2** | **3** | **4** | **5** |
| Student progress and scores should be recorded consistently. |  |  |  |  |  |
| The system should be dependable for classroom use. |  |  |  |  |  |
| The app should be stable and free from frequent errors or crashes. |  |  |  |  |  |
| **Security Expectations** | **1** | **2** | **3** | **4** | **5** |
| The app should not require unnecessary personal information from students. |  |  |  |  |  |
| The app should ensure student data privacy. |  |  |  |  |  |
| **Overall Expectations** | **1** | **2** | **3** | **4** | **5** |
| I expect the app to enhance astronomy teaching effectiveness. |  |  |  |  |  |
| I believe the app can complement traditional teaching methods. |  |  |  |  |  |
| I am willing to integrate the app into my teaching if it meets expectations. |  |  |  |  |  |

What do you expect most from this app in supporting your teaching?

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What features would make this app useful for classroom integration?

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