**Capstone Project 1 Title Proposal**

**Thesis Title:**

E-learning Application about Solar System

**Date of Presentation:**

July 7, 2018

**Proponents:**

1. Hazzel Anne D. Martin
2. Glenn Caraang
3. Robert Kenneth Poblete
4. Dan Alfonzo Simbajon
5. Angelica Santos
6. Charmaine Joy Gimoro

**Project Context:** This study will address important issues that most of the school have encountered regarding with their previous system. The specific problem was about the lessons about solar system mostly will be easily forgotten by the student because the information is just tremendous quizzes will be helpful to easily attain the information that is provided to them. And most of the students have no interested studying solar system because it will not catch the attentions of the students. And as a millennial we always find innovation in everything. We are very gratified for the traditional educational materials that we had and still have like books, chalkboards, and white boards. But we need supplementary material which is the E-Learning system which is not just entertaining but also educational. This application help the students to be more interested about the solar system by providing them an educational material that is interactive and fun. The application have quizzes and trivia’s to train the cognitive of the

students, there will be short quizzes to improve memory and the questions is finite it is answerable by yes or no. Trivia’s will also be provided for additional information. And it has multimedia elements that will improve the visual and auditory of the students by using 3D animation, this will tickle the visual of the students. And the story telling that is in application will help to improve auditory.

**Conceptual Framework**

**INPUT**

**PROCESS**

**OUTPUT**

**Hardware Requirements**

* Android Cellphone with camera
* Must be 4gb ram and 64 bit
* Laptop or Computer

**Software Requirements**

* C#
* Unity
* Adobe Photoshop CS6
* Blender
* Android version Kitkat or higher version.
* Vb.net8

**Knowledge Requirements**

* Knowledge about solar systems
* Must know photoshop
* Must know how to use c# and vb.net

**E-learning Application about Solar System**

**System Development Life Cycle**

* Requirements Analysis
* System Design
* Implementation
* Testing
* Deployment
* Maintenance

**EVALUATION**

**Scope and Limitation of the Study**

The proposed application is designed for elementary students. The application can help to develop new learning methods. There are fun games available on mobile applications that indulge the students into a healthy thought process and help them understand things from a different perspective. The application includes sound effects that will be used for the Storytelling feature of the project. It has quizzes that are categorized by planet and random quizzes about the solar system. And also have planet module that can give you information each planets. Lastly, the simulator mode that will display or show how our solar system look and how planets are rotate.

The limitations of our application is it cannot be used in iOS. And lessons cannot be customized.

**Approved By:**

|  |  |
| --- | --- |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Chairman** | |
| **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Member** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Panel Member** |
|  |  |

**Noted By:**

**Prof. Ezekiel R. Borja**

Capstone Project Professor