

**LAB REPORT**

***Submitted by***

**Group -2**

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| **Name** | **Roll** |
| Al Imran | 23 |
| Mostafiz Ahmed | 27 |
| Md. Rabbani Mia | 30 |
| Rubel Sheikh | 125 |

*4th year2nd Semester*

*Department Of Computer Science And Engineering,  
Jahangirnagar University*

**Date of Submission: 25.02.2019**

**Course Code: CSE-456**

**Course Title: Multimedia and Animation Techniques Laboratory**

***Submitted to***

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***&***

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**Project A**

**Project Title:**

**Developing a animation based interface for e-content for Commutative English course for First year First semester of CSE department.**

List of the experts should be involved in the production of e-content:

|  |  |
| --- | --- |
| Expert’s Role | Members |
| Coordinators | 1. Rubel Sheikh 2. Mostafiz Ahmed |
| Team leaders | 1. Mostafiz Ahmed 2. Md. Rabbani Mia |
| Producers | 1. Dr. Mohamamd Zahidur Rahman |
| Art directors | 1. Al Imran 2. Mostafiz Ahmed |
| Environment compilers | 1. Rubel Sheikh 2. Md. Rabbani Mia |
| Content experts | 1. Al Imran 2. Mostafiz Ahmed |
| Education technologists | 1. Rubel Sheikh 2. Mostafiz Ahmed |
| Education psychologists | 1. Al Imran 2. Md. Rabbani Mia |
| Education sociologists | 1. Mostafiz Ahmed 2. Md. Rabbani Mia |
| Scale and evaluation experts | 1. Al Imran 2. Rubel Sheikh |

Steps for completing project A:

1. Educational Goal of the Course

General goal

The general goal of this course is to help the students (the first year students and the people who want to learn) to learn the topics of Communicative English.

Partial Goal:

To make easy and visual the topics of Communicative English to the first year students using multimedia contents like Texts, Images, Audio, Video, Animation and Graphic.

Topics Explanations:

The topics include Speaking, Reading, Writing, Vocabulary, Grammar and Listening Comprehensions or Movie shows.

Evaluation Questions:

1. Is the content helpful to the first-year students?
2. Is it easy or understandable?
3. How much informations are there in the contents?
4. Coverage and Flow required to accomplish the educational goal

Coverage Area

It is not possible to cover all topics included in the syllabus in the course. The topics consists of Speaking, Reading, Writing, Vocabulary, Grammar and Listening Comprehensions or Movie shows.

Flow required to accomplish the educational goal

Text: The introduction and descriptions are in the text format.

Image: Image materials will be used for showing the way how to communicate in particular everyday situations.

Audio: The pronunciations and speaking are in the audio format.

Video: Conversations can be represented using video.

Animation: Animation materials will be used to help the students to visualize the topic more specifically and accurately.

1. Determining the Evaluation Scale

The evaluation scale is determined by 5 Point Rating Scale.

|  |  |  |
| --- | --- | --- |
| **Scale** | **Rating** | **Definitions (Choose and/or Modify as Appropriate)** |
| 5 points (Pass) | Excellent.  Exceptional Mastery.  Much more than acceptable. | Above 90% of the students finds the content helpful and understands the contents clearly.  Students fully capture all aspects of the content, convincingly demonstrates that it will meet the goals and requirements, and demonstrates no weaknesses |
| 4 points  (Pass) | Very Good.  Full Performance Behaviors. Above average. | Approximately 80% students finds the content helpful and understandable.  Students fully capture all aspects of the content, convincingly demonstrates a likelihood of meeting the goals and requirements, and demonstrates a few minor weaknesses |
| 3 points  (Pass) | Good.  Acceptable.  Satisfactory Average | Approximately 70% students finds the content helpful and understandable.  Students capture all aspects of the content, convincingly demonstrates the ability to meet the goals and requirements. The content may contain significant weakness and/or some minor weakness. |
| 2 points  (Fail) | Weak.  Less than Acceptable | Around 60% of the students understands the topics and find the content helpful and complete.  Students does not capture all aspects of the content nor is evidence presented indicating the likelihood of successfully meeting the goals and requirements. Significant weaknesses are demonstrated and clearly outweigh any strengths presented |
| 0 – 1 point  (Fail) | Unacceptable.  Poor. Much less than acceptable. | Students does not capture all aspects of the criterion and the information presented indicates a strong likelihood of failure to meet the goals and requirements. |

(d) Materials to be used in the content

For the course multimedia content includes the following materials:

* **Text**

Text items will be created using LibreOffice.

* **Audio**

For audio component management we will use JACK and Ardour.

* **Still Images**

For handling still images Darktable and Shotwell will be used.

* **Animation**

For creating animation the popular application Blender will be used.

* **Video**

For making video items the tool Openshot will be used.

(e) Building the materials in order to produce educational results

All the materials will be used in a free and open source operating system which contains all the necessary alienations for creating multimedia contents is called “Ubuntu Studio”.

To produce the educational results:

* Introduction and Description text statements will be produced.
* Image materials will be used for showing the way how to communicate in particular everyday situations. Image materials will be used for showing the way how to communicate in particular everyday situations.
* Audio materials will be used for developing listening skills.
* Lots of animation materials will be used to help the students to visualize the topic more specifically and accurately.
* Video materials will be used to provide the students practical experience and to show movies to improve the listening skill as well as reading skills.

(f) Making changes according to the feedback on a trial version of the e-content

It is not practical that the e-content will be 100% perfect at the first attempt. There is a lot of scope for improvements. As it is made for first year students, according to their feedback or the revisions of syllabus, it will be changed or improved.

Thus, the quality of the e-content will be improved.