IMPACT

Provides a suitable platform for online class and creative way of teaching students virtually

Yields accurate result of student’s grade computation

OUTCOME

Centralize e-learning management system

Convenient use of the online meeting rooms

Easy to use and modifiable database structure

OUTPUT

Cyklas Web System

PROCESS

Lay outing the UI/UX of the system

Watching tutorials needed for specific functions

Finding a web hosting provider

Coding the front-end and back-end of the system

Testing

INPUT

**SKILLS/KNOWLEDGE:**

Web scripting

**SOFTWARE USED:**

React JS

MERN stack

Visual Studio Code

Github

**HARDWARE USED:**

Android phone

Personal Computers

**Input**

Skills/Knowledge – this is the base learning of the of the researchers that is necessary when using the programming language

Software used – these are the programming language use to build the system and the software use for writing the codes

Hardware used – these are the physical components needed for viewing the system designs and functionalities

**Process**

Lay outing UI/UX – this is the stage where the designs or the user interface of the system is built

Watching tutorials – this is where the researchers is spending time for studying and learning the codes needed for building the system

Finding web hosting – the researchers must look for the web hosting services for their system

Testing – this is the phase where the system is being run or use by the user

**Output** – the final product or the web system itself

**Outcome** – Centralize e-learning management system

Convenient use of the online meeting rooms

Easy to use and modifiable database structure

**Impact** – Provides a suitable platform for online class and creative way of teaching students virtually

Yields accurate result of student’s grade computation