**PROJECT ABSTRACT**

Project Title: E(CO)DEN
Student's Full Name: Apichayada Phairachkul
Course: Design 1
Studio Brief Title: MASH-UP

Instructor's Full Name: Patrick Donbeck

## Short Project Description

This project aims to transform an underused space into a lively gathering place encouraging connections between people, local insects, and the natural environment through innovative design. The playground-inspired space invites visitors of all ages to relax, explore, and engage with the surroundings, while embracing sustainability through features like energy conservation systems. Inspired by automatic night light, the design seamlessly incorporates light theory into its elements, offering dynamic experiences both day and night. Ultimately, this project will breathe new life into the area, promoting ecosystem health and creating a lasting, positive impact.

## Full Project Narrative/Text Description

Light is a vital element for all life, whether natural or artificial. Inspired by the concept of an automatic night light, this project explores the intriguing qualities of light. The chosen site is a former tobacco factory in Benjakitti Park, which spans a large area of greenery and serves as a habitat for various insects and animals. Despite its natural beauty, the space remains underutilized. The design prioritizes blending the design with the surrounding environment. By drawing inspiration from resemblance of the stages of flower blooming and the angles of light beams, the design incorporates light with natural elements like flowers.

The project aims to create a multifunctional space that serves both users and the environment. It enables relationships between humans, insects, and other creatures, while preserving the existing natural elements. The space is designed like a playground, not just for children, but for everyone to relax and enjoy. The playground features interactive equipment, including climbing stations, a merry-go-round, and a carousel. Rather than relying on motors, these elements are powered by user interaction, generating energy that illuminates the area and powers programs such as mist release for cooling and plant watering. This connection between humans and nature is essential for environmental unity.
Furthermore, the project takes into account the well-being of local wildlife, which may migrate due to human interruption. To address this, I have designed artificial flowers for specific pollinators, considering factors like preferred light, color, texture, material, and flower shape. These designs will attract pollinators back to the area, supporting the restoration and maintenance of a rich ecosystem. Ultimately, this project aims to create long-term benefits for humans, animals, and nature, promoting a balanced, sustainable environment and bringing the area back to life.