**System Analysis & Design Capstone Project Proposal**

# Team members

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# System description

Sellers, administrators are our team. We provide the platform, the management and the tools.

Customers can be anyone, they can find the desired tools and purchase the tools provided by our platform.

## Purpose of use

We aim to build an online marketplace that sells AI services for business customers. Particularly, our platform provides tools such as:

* Text summarizer
* Text to speech converter
* Image text scanner

## Usage scenario

In real life, people sometimes have problems with the office work like summarizing reports, converting speech to text, scanning text images, etc. Instead of typing manually, customers can search for useful tools and use them. Each time using the service may cost some fee corresponding to tools.

## Requirements & Important characteristics

The objective of the product: Provide customers AI services for their own purposes.

Business objectives of the project: Customers can pay to use turn-based services, monthly or yearly combo and bundles of service. Each user account is provided an e-wallet for payment. The system also has discount policies for loyal customers.

# Business function

Our platform provides the following features:

* Users information features:
  + Register, login account: authenticated username and password.
  + Manage personal information: phone, pasword, name, email (optional).
* Users payment methods:
  + Internet banking
* AI model rental:
  + Order an AI services
  + Process the order
  + Show billing statistics

# Execution plan

For this project, we will follow the Rational Unified Process (RUP). The execution plan is decided as follows:

* Inception phase:
  + Preliminary study: Before Nov 2022.
* Elaboration phase:
  + Identify/Describe the use cases and the classes/objects: Nov to Nov 2022.
  + Interactions and Behaviour Modeling: Nov to Nov 2022
* Construction and Transition phase:
  + Detailed design the system architecture: Dec to Dec 2022
  + Create the user interface: Dec to Dec 2022.
  + Implementation: Dec to Dec 2022.
* Final presentation: Jan to Jan 2023