- a. Functional requirements
- Student:
- + The ability to upload documents, select printers, and customize printing options easily.
- + The ability to track printing logs, check remaining pages.
- HCMUT SSO:
- + Manage login sessions.
- + Ability to create/delete accounts.
- BKPay Service:
- + Check your payment histories.
- + Update account balance and page number after successful payment.
- SPSO:
- + Receive a printing request and check if it is valid or not.
- + Ability to manage printer status, view, and check print logs.
- + Configurable for printers
- IT department
- + Gain access to the system at all times, and have the ability to change the characteristics of the system.
- + Ensure stable operation of the system and the ability to upgrade in the future.
- b. Non-functional requirements
- Performance:
- + The system must ensure a quick response time when users request printing and be able to handle multiple requests (< 10 seconds per request).
- + The system's website will be loaded in 3 seconds if there are less than 1000 visitors at the same time.
- User experience:
- + The interface should have an attractive and visually pleasing design, with attention to colors, layout, and fonts.
- + User-friendly interface.
- Availability:
- + The system operates 24/7 except during maintenance. However, printing only works between 6am and 9pm

- Compatibility:
- + Compatible with many web browsers such as Google Chrome, Firefox, Microsoft Edge