

Description:

- Students and SPSO staff log in through their respective interfaces on the browser (Client) and use APIs to communicate with the CAS Server.
- The CAS Server authenticates accounts and classifies the user based on the login information.
- After authentication, students gain access to the Student Interface and SPSO staff to the SPSO Interface via their browser.
- The Student Interface includes services: printing (Printing), viewing history (View History), and purchasing paper (BuyPaper). - The Application Server provides services to users through components: BuyService, PrintingService, and ViewHistory, with which students can interact after successful login.
- APIs related to StudentService allow the execution of student-specific functions, while SPSOService serves the functions for SPSO staff.
- The Application Server queries and communicates with the Database Server using the TCP/IP protocol to retrieve necessary information, store new data, or update existing data.
- BKPay is an integrated payment service to handle transactions between students and the system and connect with API connections.