A diagram of a flowchart

Description automatically generated

Biểu đồ hoạt động mô tả quy trình mua thêm trang in cho sinh viên trong một hệ thống liên quan đến tương tác giữa ba thực thể: sinh viên, hệ thống thanh toán và SSPS (Dịch vụ in thông minh cho sinh viên).

Sau đây là phân tích chi tiết:

Quy trình đăng nhập: Sinh viên bắt đầu bằng cách đăng nhập vào hệ thống. Nếu sinh viên không có tài khoản, họ sẽ được hướng dẫn đăng ký một tài khoản. Nếu sinh viên có tài khoản, họ sẽ tiến hành các bước tiếp theo.

Lựa chọn mua trang: Sinh viên chọn mua thêm trang để in. Họ chọn loại giấy và số lượng trang họ muốn. Hệ thống thanh toán: Sau khi chọn số lượng, sinh viên chọn phương thức thanh toán. Sau đó, hệ thống xác minh danh tính của sinh viên. Nếu xác minh không hợp lệ, quy trình sẽ dừng lại. Nếu hợp lệ, hệ thống sẽ kiểm tra số dư tài khoản.

Kiểm tra số dư: Nếu số dư không đủ để trang trải chi phí, sinh viên được cung cấp tùy chọn nạp tiền vào tài khoản của mình. Nếu họ chọn không nạp tiền, quy trình sẽ kết thúc. Nếu họ chọn nạp tiền, số tiền còn thiếu tương ứng của họ sẽ được tự động tính toán.

Hoàn tất: Sau khi đảm bảo có đủ số dư, hệ thống sẽ xử lý thanh toán và SSPS sẽ cập nhật số trang có sẵn để sinh viên in.

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