

A2.1.9 Kiosk States

1953067 宋潇歌

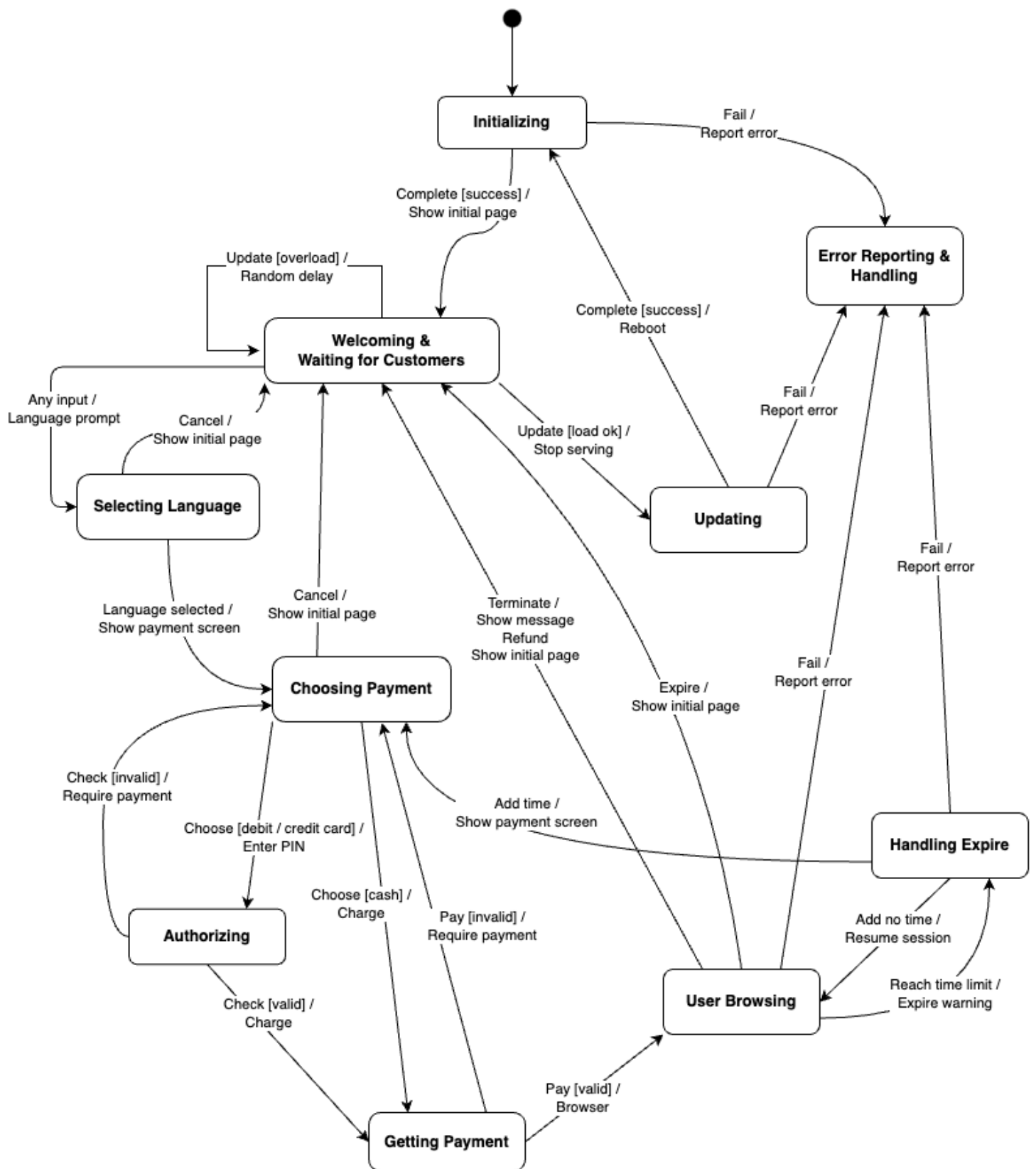
2052225 张勤杭

2051840 梁厚

1950389 季艺

State Diagram For Kiosk

The state transition diagram for the kiosk presented below is in accordance with the Marketing Requirements Document and System Requirements Document.



Test Cases

We developed a set of test cases according to the state transition diagram, which is shown in the chart below.

	A	B
1	Test Case	Expected Result
2	Open the kiosk system	Show the initial page and welcome message
3	Click 「Language」	Display language options
4	Input something	Display language options
5	Cancel the language selection	Return to the initial page
6	Select a language	Jump to payment screen
7	Cancel the payment	Return to the initial page
8	Choose 「cash」 as the payment	Wait for payment
9	Choose 「debit」 as the payment method	Display PIN entering page
10	Choose 「credit card」 as the payment method	Display PIN entering page
11	Make an invalid payment	Prompt error message and return to payment screen
12	Make a valid payment.	Open the selected browser
13	Set the timer to last certain seconds	Prompt warning for expiration
14	Add no time	Return to the browser with session active and
15	Allow time to expire	Return to the initial page, and the records are cleared
16	Add more time before expiration	Jump to the payment page
17	Make a valid payment after choosing to add more time	Return to the browser with the exact same session
18	Make an invalid payment after choosing to add more time	Prompt error message and return to the browser with the exact same session
19	Terminate browsing manually	Return to the initial page, and the records are cleared
20	Service cut down by a call center agent	Prompt notice and refund message, then jump to initial page, and the records are cleared
21	Wait until reaching the preset update time	Connect to the server farm and ask for updates. Prompt business suspension message. Start update process.
22	Wait until the update process completes successfully	The kiosk system restarts automatically
23	The update process fails	System begins to re-update