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| Use Case Name: | The client purchase the lottery from vendor |
| Use Case Description: | This use case allows vendor sell the lottery to client |
| Use Case Authors: | Xiao |
| Actors: | Vendor, client |
| Location: | On a computer |
| Status: | Defined |
| Priority: | 1 |
| Assumptions: | The device works properly, and the client wants purchase a lottery |
| Pre-conditions: | The client has enough money to buy the lottery, and does not return it |
| Post-conditions: | The client’s name and purchased number were saved to the machine, and the money added to the prize pot |
| Primary Pathway  (Happy Path)  (Main Flow) | -The vendor sells a lottery to client, and gets the name and the purchase number, then add the money into prize pot. The system will record client’s name, number, and purchase date to [sold lottery list] , then system will remove the number from [ball number list]. In the end, the number will be shown on screen. |
| Alternative Pathway | **A1:**The client wants to purchase more than one number **before** draw  The vendor enters the same name and different number(s), so this client has more than one chance to win the prize.  **A2:**The client wants to purchase one number **after** draw  The vendor did the same things, but the client does not have chance to win prize for this draw, he needs to wait till next draw.  **A3:**The client wants to purchase more than one number **after** draw  The vendor did the same things, but the client does not have chance to win prize for this draw, he needs to wait till next draw.  **A4:** No one buys the numbers before drawing 3 balls  The vendor still can draw the ball, and the next draw will be in next one month. |
| Exception Pathway  (Error Pathway) | **E1:** The client wants buy the number which was already sold  The system will have message shown on the screen, and remind the vendor  **E2:** The [ball number list] has not correct value, for example, the value should have an order from 1 to 50  The system will have message shown on the screen, and remind the vendor |