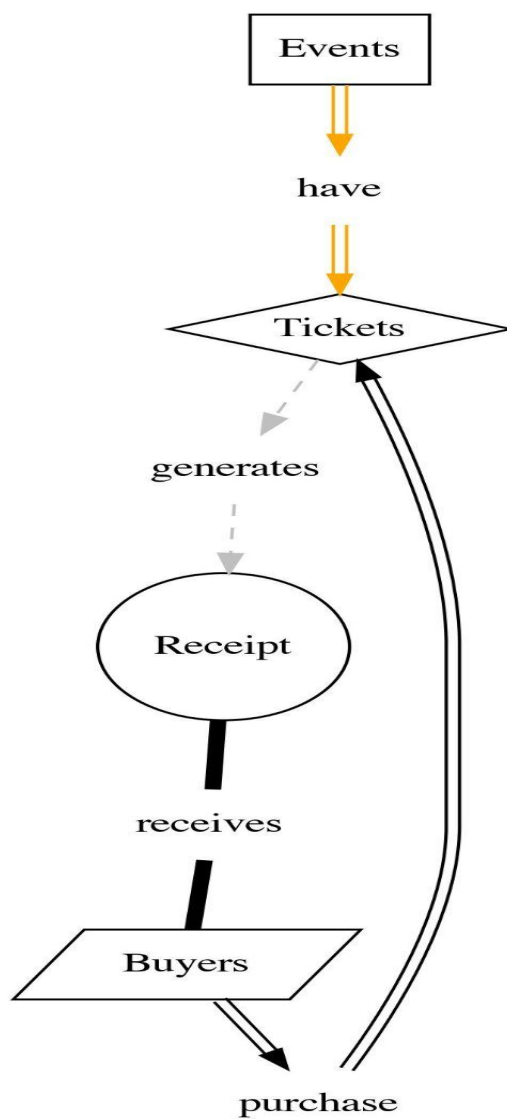


Vision

The general vision for this project is providing a user with a simple yet practical event ticket purchasing system. The user will have the ability to purchase tickets and search for tickets that are within the database.

Domain Model



Brief Use Cases

Use Case Name	Purchasing A Ticket
Scope	A logged-in user purchase a ticket on the system.
Level	User-goal - the ability to purchase a ticket.
Primary Actor	A user wishing to purchase a ticket.
Stakeholders and Interests	A person wishing to purchase a ticket from the system.
Preconditions	A user must be logged-in.
Success Guarantee	A user must be logged in and use a valid credit card.
Main Success Scenario	A user must be logged in, navigate to purchase, and use a valid credit card.
Extensions	If a user isn't logged in, the system requests for them to log in. If the credit card is invalid, the request to purchase is denied.
Special Requirements	A purchase event sends a request to verify a purchase within the system.
Technology and Data Variations List	A user inputs the click of a button to verify they wish to purchase. Data includes credit card information (dates, credit card numbers, names, and cvv code).
Frequency of Occurrence	Every instance that a user finds a ticket they wish to purchase.
Miscellaneous	A decision needs to be made on whether or not a user should be able to purchase multiple tickets at once and research needs to be done to decide on whether or not the credit card information saves (with approval).

Brief Use Cases Continued

Use Case Section	Comment
Use Case Name	Searching for a Ticket
Scope	A user wishing to see specific event tickets.
Level	User-goal - the ability to search for a event
Primary Actor	A user wishing to search for an event.
Stakeholders and Interests	A person wishing to search for specific events in the system.
Preconditions	Access to a keyboard.
Success Guarantee	The user types in an event that is in the database.
Main Success Scenario	A user with a keyboard clicks the search box and searches for an event in the system.
Extensions	Text given to the user on screen saying "Event Not Found" when an event they search for isn't in the database.
Special Requirements	When a user inputs a search, the input received must be confirmed with the database on whether or not the data is a valid search.
Technology and Data Variations List	A database will be used to store the names of the events.
Frequency of Occurrence	Every instance that a user wishes to search for an event.
Miscellaneous	Research needs to be done on whether or not the system should suggest the user a different event based on their previous searches.

Supplementary Specifications

Support for the event ticket purchasing system will include support on web-based browsers. No support will be added for mobile phones such as iOS and Android outside of the browser.

No requirements for licensing is needed as this system will not be made available to the general public.

Reports on this system may be made to allow the CFO (Professor Hardie) to be kept up to date on the project progress.

Documentation on the system for both users and future programmers will be provided.

Glossary

Event search - when a user searches for a particular event in the database by interacting with the front end search bar.

Event ticket purchase - when a user purchases a ticket for an event they found.

Login - allows the user to verify their information with the database.

Receipt - a confirmation of purchase given to the user.