

ID	Name	Description	Rationale	Priority
1	Tickets			1
1.1	Ticket Sale	The system shall sell tickets for a price set by a manager	The main goal for the app is to sell tickets	1
1.2	Purchasing Tickets	Users shall purchase tickets	Users purchase tickets for events	1
1.2.1	Seat Selection	When purchasing tickets, users shall select a preferred seat from available seats	Users can pick a seat when purchasing tickets	2
1.2.2	Guardian	When purchasing tickets for age-restricted events, underaged users shall have a guardian	Can't have kids pulling a fast one	3
1.3	Discounts	Ticket discounts shall be given to honorable people	Thank you for your service	2
1.3.1	Teachers	Teachers shall receive a ticket purchase discount of 10% off	I love you Portia Give me A	#1 priority
1.3.2	Military	Those who served shall receive a ticket purchase discount of 10% off	God bless you, God bless America	2
1.3.3	Students	Students shall receive a ticket purchase discount of 10% off	Students need cheaper tickets	2
1.3.4	Seniors	Seniors, aged 65+, shall receive a ticket purchase discount of 5% off	Senior guests have a discount	2
1.4	Multiple Tickets	Users shall purchase multiple tickets at a time	This is for group ticket sales	1
1.5.1	Credit Cards	The system shall accept credit cards (VISA)	The app should accept the most common forms of payment	1
1.5.2	Debit Cards	The system shall accept debit cards	The app should accept the most common forms of payment	1
1.5.3	Apple Pay	The system shall accept Apple Pay	The app should accept the most common forms of payment	1
1.5.4	Google Pay	The system shall accept Google Pay	The app should accept the most common forms of payment	1
1.6	Refund	The system shall offer refunds	Users need to refund tickets if their plans change	3
1.6.1	Refund Terms	The system shall allow refunds to be given 24 hours prior to the movie time	Users cannot get a refund 24 hours in advance of a show	2
1.7	Purchased Tickets	Users shall view their purchased tickets	Users need to see their tickets to use them	1
1.7.1	Ticket Details	Purchased tickets shall include event details (See Requirement 3.2)	To prove the ticket corresponds to the correct event	1
1.7.2	Seat Number	Purchased tickets shall include its assigned seat number	To prove seat reservation	2
1.8	Print Ticket	Users shall print their tickets	Some users may prefer physical copies of their tickets	1
2	Accounts			2
2.1	No Account	Users shall use the app without an account	One-time users can use the app	1
2.2	Accounts	Users shall make an account with a username and password	Accounts will allow users to save information for later	2
2.2.1^	Password	Passwords shall be encoded with astericks	Passwords need to be strong so not hacked	3
2.2.2^	Security Question	When making an account, the system shall prompt the user with a security question for them to answer	Additional account security	5
2.2.2*	Rewards Account	When making an account, the user shall have the choice to create a Rewards Account	Reward users for using our app	3
2.2.2.1	Rewards Points	The system shall implement a point system to reward account users	Rewarding users for using the app will encourage use	3
2.2.2.1.1	Earning Rewards	Rewards account users shall earn Rewards Points for purchasing tickets	Rewarding only ticket purchases will increase ticket sales	3
2.2.2.1.2	Spending Rewards	Rewards account users shall spend Rewards Points on any in-app purchase	This allows user to redeem their rewards on the app	3
2.2.2.2	Notifications	Users shall receive a notification for an update when a manager updates event details	Users will get the latest information for events	5
2.2.3	Manager Account	When making an account, the user shall have the choice to create a Manager Account	Event managers can choose to make a manager level account	1
2.2.3.1	Add Events	Managers shall add events to the system's database	The app needs to be updated with the new events	1
2.2.3.1.1	Edit Events	Managers shall edit event details (See Requirement 3.2)	The manager can update the events	2
2.2.3.1.2	Updates	The system shall store the last 20 event changes in the database	For notifications	5
2.2.4	Forgot Password?	Account users shall be able to change their password	People forget passwords	5

ID	Name	Description	Rationale	Priority
2.2.4.1	Password Security	Account users shall answer their security question correctly to change their password	Account security is important for stability	5
3	Events			1
3.1	Local Events	The system shall only show events in Columbia, SC	This app is specific for Columbia, SC	1
3.2	Event Details	The system shall show event details from the system database	A database holds all the information about shows	1
3.2.1	Event Title	All events shall have a title	An event has a name	1
3.2.2	Event Time	All events shall have a time	An event has a start time	1
3.2.3	Event Location	All events shall have a location	An event has a location	1
3.2.4	Event Type	All events shall have a type	This app shows different types of events	1
3.3	Cinema	The system shall show movie events	This app shows movies	1
			The rating system uses ratings from the Motion Picture Association	
3.3.1	MPA Rating	Movies shall have a Motion Picture Association rating		2
3.3.2	Genre	Movies shall list genres	The genre needs to be listed with the movie	3
			Some users may want to watch movies with certain actors	
3.3.3	Cast	Movies shall list the main 5 actors in the movie		3
3.4	Theatre	The system shall show performing arts events	This app shows performing arts events	1
3.5	Concerts	The system shall show concert events	This app shows concert events	1
			Listing artists will increase the amount of sales based on preference	
3.5.1	Artists	Concerts shall list performing artists		1
3.6	Availability	The system shall show how many tickets are available for an event	Users need to see how many seats are left for an event	1
			Users need to know if the event has no more seats to sell	
3.6.1	Sold out	When no tickets remain, the system shall tag the event as sold out		1
3.6.2	Seating	The system shall show which seats are available for an event	Users need to know which seats are open	1
3.7	Age Restriction	Events shall have a veiwer age restriction	If an event has an age restriction, users need to know	2
3.8	View Events	The system shall show events from the database to the user	This is how the user will find events to purchase tickets	1
3.8.1	Search Titles	Users shall filter the database by searching titles	Makes finding a certain event easy	3
3.8.2	Search Locations	Users shall filter the database by searching location	Some users may prefer one location over another	3
3.8.3	Cinema Filter	Users shall filter the database for movies	Some users may just want to see a movie	3
3.8.4	Theatre Filter	Users shall filter the database for performing arts	Some users may just want to see a play	3
3.8.5	Concert Filter	Users shall filter the database for concerts	Some users may just want to see a concert	3
3.8.6	Reviews	The system shall store event reviews in the system's database	Users can see if an event is worth viewing	2
3.8.6.1	Review Rating	Reviews shall have a 5 star rating system	Standard rating scale	2
3.8.6.2	Review Guidelines	Users shall write reviews only if they have an account	Only users who go to events can write reviews	2
3.8.6.3	Review Reasoning	Users shall comment their reviews, explaining their Review Rating	Users should be able to justify their rating	3
3.9	Food and Drink	The system shall allow users to purchase concessions	Preorder food and skip the lines	4