



Faculty of Computers and Information

CS-251: Software Engineering (I)

Course Project: Event Organizer

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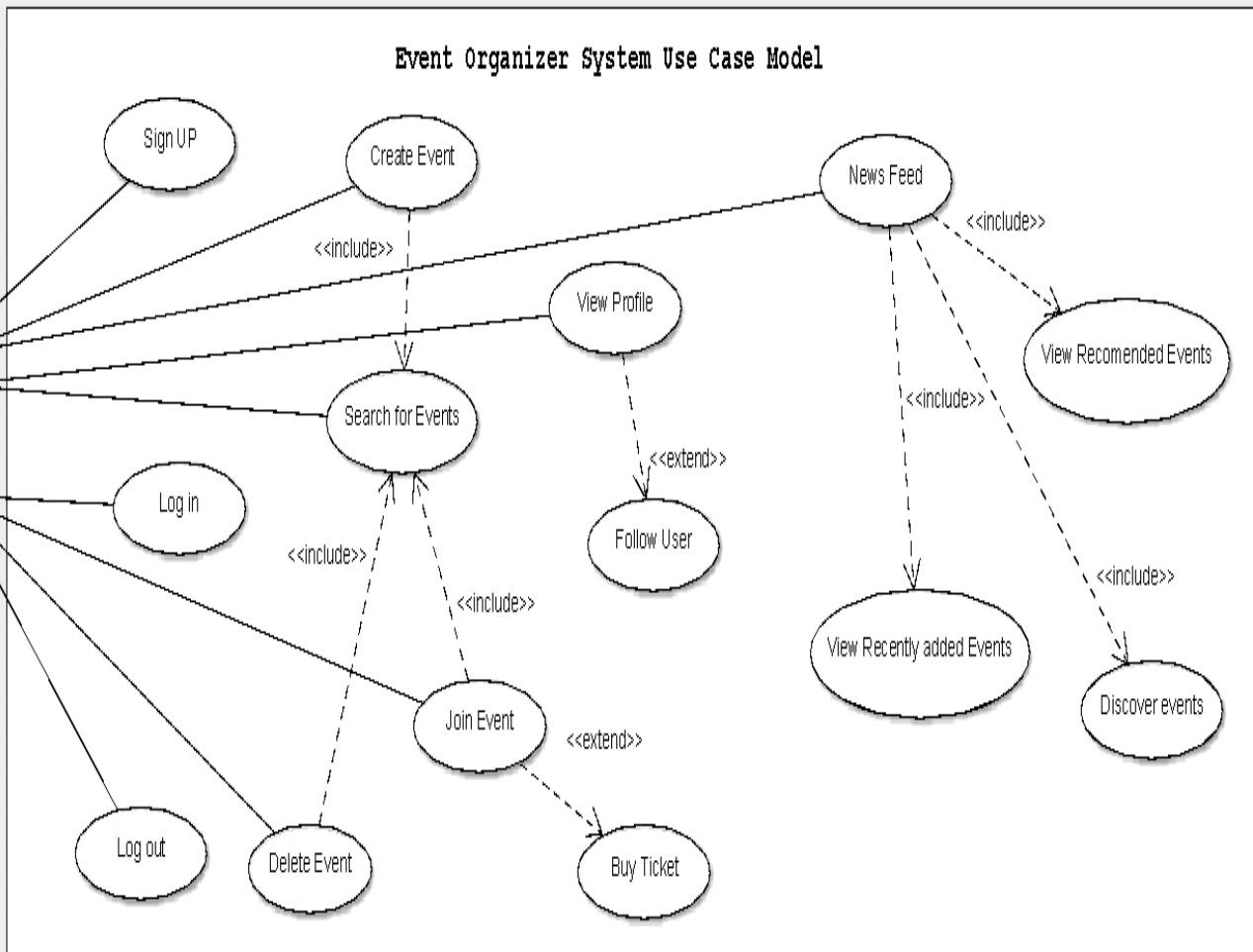
Requirements Document for Event Organizer

System Modeling

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System Use Case Model:



Use Case Tables:

Use Case ID:	Functional_requirement_2	
Use Case Name:	Log in	
Actors:	System user	
Pre-conditions:	Load Event Organizer application	
Post-conditions:	N/A	
Flow of events:	User Action	System Action
	1- User Enters an e-mail and password	
		2- System authenticates user's input
	3- User will be directed to his/her profile stream	
Exceptions:	Incorrect e-mail or password	
Includes:	N/A	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_1	
Use Case Name:	User Signing up a new account	
Actors:	System user	
Pre-conditions:	Load Event Organizer application	
Post-conditions:	N/A	
Flow of events:	User Action	System Action
	1- User Enters an e-mail and password	
		2- System validate the entered e-mail
	3- User promoted to enter his/her profile information	
		4- System creates a new account for the user
Exceptions:	Invalid e-mail or already existing e-mail	
Includes:	N/A	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_3	
Use Case Name:	User creates a new event	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account	
Post-conditions:	N/A	
Flow of events:	User Action	System Action
	1- User Enters event's details (name , place , time , category , type)	
		2- System validate the entered e-mail
	3- User will be requested to confirm the event creation process	
		4- System creates a new event and associate the event to its respective user
Exceptions:	Already Existing Event	
Includes:	Searching for the existence of the entered event on the system	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_4	
Use Case Name:	User joins an event	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account – Select an event	
Post-conditions:	Buying tickets for paid events	
Flow of events:	User Action	System Action
	1- User selects an event by entering its name	
		2- System validate the entered event
		3- System retrieves event's information
	4- Users preview the event information and confirming the process	
		5- System links user to the selected event
Exceptions:	Invalid Event or an expired event	
Includes:	Searching for the existence of the entered event on the system	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_5	
Use Case Name:	User searches for an event	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account	
Post-conditions:	N/A	
Flow of events:	User Action	System Action
	1- User Enters event's name	
		2- System searches for the event
	3- User waits for the search result	
		4- System retrieves the event information
Exceptions:	Not found event	
Includes:	Searching for the existence of the entered event on the system	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_6	
Use Case Name:	User deletes his/her own events	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account – the possession of the selected event	
Post-conditions:	Notify the users who already joined this event	
Flow of events:	User Action	System Action
	1- User Enters event's name	
		2- System searches for the event
	3- User waits for the search result	
		4- System retrieves the event information
	5- User confirms the deletion process	
		6-System deletes the event
Exceptions:	Not found event – the user is not the owner of the event	
Includes:	Searching for the existence of the entered event on the system	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_7	
Use Case Name:	Buy ticket	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account – joined in a paid event	
Post-conditions:	Notify the event owner	
Flow of events:	User Action	System Action
	1- User Enters event's name	
		2- System searches for the event
	3- User waits for the search result	
		4- System retrieves the event information
	5- User confirms the purchase process	
		6-System issues a ticket for the user.
Exceptions:	Not found event – no sufficient balance	
Includes:	Searching for the existence of the entered event on the system	
Notes and Issues:	Need an e-pay module like (paypal)	

Use Case ID:	Functional_requirement_10	
Use Case Name:	Following a user	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account – search for a user	
Post-conditions:	Send a following notification to the intended user	
Flow of events:	User Action	System Action
	1- User Enters another user's name	
		2- System searches for user
	3- User waits for the search result	
		4- System retrieves the user's information
	5- User confirms the adding process	
		6-System issues a ticket for the user.
Exceptions:	Not found user – maximum number of friends is reached	
Includes:	Searching for the existence of the entered user on the system	
Notes and Issues:	N/A	

Use Case ID:	Functional_requirement_12	
Use Case Name:	Viewing recommended events	
Actors:	System user	
Pre-conditions:	Load Event Organizer application – Access your account – user must have set his/her preferences	
Post-conditions:	N/A	
Flow of events:	User Action	System Action
		2- System searches for events based on user's preferences
	3- User waits for the search result	
		4- System produce a list of these events
Exceptions:	Empty list if there is no user preferences	
Includes:	N/A	
Notes and Issues:	N/A	