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# Software Requirement Specification

User stories prioritized according to their importance from top (most important) to bottom (least important):

1. As a user, I want to create posts, so that I can indicate my desires for a specific event.

2. As a user, I want to browse posts, so that I can find events I would like to participate in and connect with other musicians.

3. As a user, I want to see the location details for every event, so that I know how far is it in order to join it.

4. As a user, I want to filter posts by different categories such as events / market, so that I can only see the types of cards which I want.

5. As a user, I want to see an extended description of each card, so that I can find out more information.

6. As a sponsor, I want my logo to appear on a card, so that users know that I sponsor the event.

7. As a user, I want to see the time of posting of each card, so that I know how up to date the information is.

8. As a user, I want to create an account, so that I can easily access all features.

9. As a user, I want to log in, so that I can use my account.

10. As a user, I want to delete my account, so that I cannot access the forum anymore and my information is deleted.

11. As a user, I want to send invitations with the event I organize to other users, so that they are informed about it.

12. As a user, I want to like posts, so that I can show my interest and interact with the community.

13. As a user, I want to express my feelings on the posts by commenting, so that communication gets more robust.

14. As a user, I want to share posts, so that other users who might be interested can see them.

15. As a user, I want to provide feedback, so that I can express my opinions and suggestions.

16. As a user, I want to edit posts, so that I can change any details or add more information.

17. As a user, I want to delete posts, so that the information I posted is removed if I want.

18. As a user, I want to sort posts by types of instruments or genre, so that I can easily find what I'm interested in.

# User stories and acceptance criteria

| **User story:** As a user, I want to create posts, so that I can indicate my desires for a specific event. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I click on the create card button |
| **Then** | I am navigated to the create card page |
| **Given** | I am on the create card page |
| **When** | I fill in the required fields (such as title, description, and event date) and click the submit button |
| **Then** | A new post should be created with the provided details, and I should be redirected to the card overview page |
| **Given** | I filled in the required fields but some of them are missing/inappropriate |
| **When** | I click on submit button |
| **Then** | I am shown related error messages for related fields. |

| **User story:** As a user, I want to browse posts, so that I can find events I would like to participate in and connect with other musicians. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I scroll down |
| **Then** | Different types of cards which contain short descriptions are displayed |

| **User story:** As a user, I want to see the location details for every event, so that I know how far is it in order to join it. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I click on view-in-detail button located on top right corner of an individual card |
| **Then** | I am navigated to the detailed card page where I can view the more detailed location for an event |

| **User story:** As a user, I want to see the time of posting of each card, so that I know how up to date the information is. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I click on view-in-detail button located on top right corner of an individual card |
| **Then** | I am navigated to the detailed card page where I can view the exact time for the post date for an event, located nearby the author name |

| **User story:** As a sponsor, I want my logo to appear on a card, so that users know that I sponsor the event. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I browse through the sponsored events |
| **Then** | I am able to differentiate it from any other events, with the brand logo appearing on the card |

| **User story:** As a user, I want to see an extended description of each card, so that I can find out more information. | |
|---|---|
| **Given** | I am on the card overview page |
| **When** | I click on view-in-detail button located on top right corner of an individual card |
| **Then** | I am navigated to the detailed card page where I can view the extended description for an event which is not present on the card on the overview page. |

| **User story:** As a user, I want to filter posts by different categories such as events / market, so that I |
|---|

| | can only see the types of cards which I want. |
|---|---|
| **Given** | I am on the main page |
| **When** | I click on the "Filter" button |
| **Then** | A window with filter categories is displayed |
| **Given** | I select the categories of cards which I want to see |
| **When** | I click on the "Apply filter" button |
| **Then** | The posts which belong to the select categories are displayed |


| | **User story:** As a user, I want to create an account, so that I can easily access all features. |
|---|---|
| **Given** | I am on the home page |
| **When** | I click on the sign-up button located on the right side of the navigation bar |
| **Then** | I am shown the form element as a pop-up. |
| **Given** | I am on the sign-up pop-up page |
| **When** | I fill in the fields properly and click on the submit button |
| **Then** | I am shown proper success message and navigated back to the home page to later be able to make use of log-in button |
| **Given** | I am on the sign-up pop-up page |
| **Then** | I fill in the fields properly but I entered an existing either a username or an email |
| **When** | I am shown proper error message which lets me be aware of the fact that credentials already exist |
| **Given** | I am on the sign-up pop-up page |
| **When** | I fill in the fields inappropriately or some fields are missing |
| **Then** | I am shown proper error message saying with the reasoning for why they are not valid |


| | **User story:** As a user, I want to log in, so that I can use my account. |
|---|---|
| **Given** | I am on the home page |
| **When** | I click on the log-in button located on the right side of the navigation bar |

| Then | I am shown the form element as a pop-up. |
|------|------------------------------------------|
| **Given** | I am on the log-in pop-up page |
| **When** | I fill in the fields properly and click on the submit button |
| **Then** | I am shown a proper success message and navigated back to the home page with necessary personalized features such as "My account", "Notifications" sections on the navigation bar and the absence of "Log-in" and "Sign-up" button. |
| **Given** | I am on the log-in pop-up page |
| **Then** | I fill in the fields properly but I entered a wrong password or email |
| **When** | I am shown proper error message saying that user credentials are wrong |
| **Given** | I am on the log-in pop-up page |
| **When** | I fill in the fields inappropriately or some fields are missing |
| **Then** | I am shown proper error message saying with the reasoning for why they are not valid |

| **User story:** As a user, I want to delete my account, so that I cannot access the forum anymore and my information is deleted. | |
|---|---|
| **Given** | I am on the "Settings" page of my account |
| **When** | I click on the "Delete account" button |
| **Then** | A window is displayed which asks if I'm sure that I want to delete my account, and corresponding buttons to answer "Yes" or "No" are shown. |

| **Given** | I press the button "Yes" | I press the button "No" |
|---|---|---|
| **When** | The window disappears | The window disappears |
| **Then** | I am no longer logged in, a page is displayed with a message that announces that my account was deleted | A message announces the operation was canceled |

| **User story:** As a user, I want to send invitations with the event I organize to other users, so that they are informed about it. | |
|---|---|
| **Given** | I am on the detailed view page of an "event card" |
| **When** | I click on the button "Send invitation" |

| **Then** | A window is displayed which asks to type the usernames of the users to whom I want to send the invitation |
|----------|-----------------------------------------------------------------------------------------------------------|
| **Given** | I entered valid usernames |
| **When** | I click on the "Send" button |
| **Then** | The window disappears and I am informed that the invitation was sent successfully |

| **User story:** As a user, I want to like posts, so that I can show my interest and interact with the community. | |
|----------|-----------------------------------------------------|
| **Given** | I am on the main page |
| **When** | I click the "Like" button corresponding to a card |
| **Then** | The number of likes of that card increases by 1 |

| **User story:** As a user, I want to express my feelings on the posts by commenting, so that communication gets more robust. | |
|----------|-----------------------------------------------------------|
| **Given** | I am on the detailed view page of a card |
| **When** | I click the button "Add comment" |
| **Then** | A window with an empty field and a "Submit" button is displayed |
| **Given** | I wrote at least 1 character in the field |
| **When** | I click the "Submit" button |
| **Then** | The comment is displayed in the "Comments" section of that card |

| **User story:** As a user, I want to share posts, so that other users who might be interested can see them. | |
|----------|-----------------------------------------------------------|
| **Given** | I am on the main page |
| **When** | I click on the "Share" button associated with a card |
| **Then** | A window is displayed which asks to type the usernames of the users to whom I want to send a link to the card |
| **Given** | I entered valid usernames |

| When | I click on the "Share" button |
|---|---|
| Then | The window disappears and I am informed that the card was shared successfully |

| **User story:** As a user, I want to edit posts, so that I can change any details or add more information. | |
|---|---|
| **Given** | I am on the detailed view page of my card |
| **When** | I click on the "Edit card" button |
| **Then** | A window with empty fields corresponding to the properties of the card is shown |
| **Given** | I complete the fields |
| **When** | I click the button "Save changes" |
| **Then** | The new details of the card are displayed on the detailed view page of the card |

| **User story:** As a user, I want to delete posts, so that the information I posted is removed if I want. | | |
|---|---|---|
| **Given** | I am on the detailed view page of my post | |
| **When** | I click on the "Delete card" button | |
| **Then** | A window is displayed which asks if I'm sure that I want to delete my post, and corresponding buttons to answer "Yes" or "No" are shown. | |
| **Given** | I press the button "Yes" | I press the button "No" |
| **When** | The window disappears | The window disappears |
| **Then** | A message announces the card was successfully deleted | A message announces the operation was canceled |

| **User story:** As a user, I want to sort posts by types of instruments or genre, so that I can easily find what I'm interested in. | |
|---|---|
| **Given** | I am on the main page |
| **When** | I click on the "Sort cards" button |
| **Then** | A window with sort options is displayed |

| Given | I select how I want to sort the posts |
| --- | --- |
| When | I click on the "Sort" button |
| Then | The posts are displayed in the appropriate order |

| **User story:** As a user, I want to provide feedback, so that I can express my opinions and suggestions. | |
| --- | --- |
| Given | I scroll to the bottom of the main page |
| When | I click on the "Send feedback" button |
| Then | I am navigated to the "Send feedback" form |
| Given | I completed the feedback form correctly |
| When | I click the "Submit" button |
| Then | A message which announces that my feedback was sent successfully is displayed |