Part 2: Use Cases and Entities

Andi - Use Cases

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| **Nomination** | |  | |
| **ID** | | Page001 | |
| **Requests** | | Structures available on the main page | |
| **Description** | | All the elements that will be shown on the main page or accessible from the main page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Navigation to the URL of the platform | | Display of the Main page |
|  | * Display Login Button | | On Click display the login page |
|  | * Display Register Button | | On Click display the Registration page |
|  | * Display Home Button | | Redirects to index page |
|  | * Display Forums Button | | On Click display the Forums page |
| **Exception** | | | |
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| **Validations** | | | |
| * If user previously logged depending on the policy of authentication should be redirected to the Main page but logged in as user. | | | |
| **Notes** | | | |
| * In the middle of the page there can be some welcoming words for the users and any link thought as appropriate for the forum. | | | |

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| **Nomination** | | **Log in Page** | |
| **ID** | | Page002 | |
| **Requests** | | Structures available on the Log in Page | |
| **Description** | | All the elements that will be shown on the Log in Page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Username Textbox | | Fill the username textbox |
|  | * Password Textbox | | Fill the password textbox |
|  | * Remember me checkbox | | On click the browser remembers the password |
|  | * Log in button | | On click the user logs in with his credentials |
|  | * ‘Forgot your password’ link | | On click the forgot password page is loaded |
|  | * ‘Register as a new user’ link | | On click the Registration page is loaded |
| **Exception** | | | |
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| **Validations** | | | |
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| **Notes** | | | |
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| **Nomination** | | **‘Manage your account’** | |
| **ID** | | Page003 | |
| **Requests** | | Structures available on the ‘Manage your account’ | |
| **Description** | | All the elements that will be shown on the ‘Manage your account’ page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Profile | | On click displays Profile settings |
|  | * Email | | On click displays Email settings |
|  | * Password | | On click displays Password settings |
|  | * Two-factor authentication | | On click displays Two-factor authentication settings |
|  | * Personal data | | On click displays Personal data settings |
|  | * “Hello <Username>!” link | | On click displays Manage your account settings, redirects to current page |
|  | * Logout link | | On click logs out the user |
| **Exception** | | | |
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| **Validations** | | | |
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| **Notes** | | | |
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**Rei- Use Cases**

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| **Nomination** | | **Email Confirmation Page** | |
| **ID** | | Page001 | |
| **Requests** | | Structures available on the email confirmation page | |
| **Description** | | All the elements that will be shown on the email confirmation page. | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display Register link | | On click display Registration page |
|  | * Display Login link | | On Click display the login page |
|  | * Display name of the website | | Display address of the website |
|  | * Display description of the page | | Display the “Confirm email” message |
|  | * Display Footer | | Display thank for email confirmation. It can be removed by a click on its right side. |
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| **Exception** | | | |
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| **Validations** | | | |
| * User has confirmed their email address. | | | |
| **Notes** | | | |
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| **Nomination** | | **Welcome Page** | |
| **ID** | | Page002 | |
| **Requests** | | Structures available on the welcome Page | |
| **Description** | | All the elements that will be shown on the welcome page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display name of the website | | Display name of the website |
|  | * Display Home page link | | On Click sends to the home page |
|  | * Display Forums link | | On Click sends to the Forums page |
| 4. | * Display Register link | | On Click sends to the Registration page |
| 5. | * Display Login link | | On Click sends to the Login page |
|  | * Display text header | | Display the “Welcome” message |
|  | * Display smaller text | | Information about the page. |
|  | * Display GitHub link | | On Click sends to a GitHub page. |
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| **Exception** | | | |
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| **Validations** | | | |
| * If user clicked on the Home page link | | | |
| **Notes** | | | |
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| **Nomination** | | **Email Confirmation Page** | |
| **ID** | | Page003 | |
| **Requests** | | Structures available on the Forums page | |
| **Description** | | All the elements that will be shown on the Forums page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display name of the website | | Display the address of the website |
|  | * Display Home page link | | On Click display the Home page |
|  | * Display Forums | | On Click display the Forums page |
|  | * Display welcome message | | Display welcome message “Welcome, username!”. |
|  | * Display text | | Information provided to the user |
|  | * Display Categories | | Display related categories |
|  | * Display Login link | | On Click sends to the Login page |
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| **Exception** | | | |
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| **Validations** | | | |
| * If user previously clicked on the Forums link. | | | |
| **Notes** | | | |
| * If no categories are found, display the “No Categories Found” message. | | | |

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| **Nomination** | | **Email Confirmation Page** | |
| **ID** | | Page004 | |
| **Requests** | | Structures available on the Register Confirmation page | |
| **Description** | | All the elements that will be shown on the Register Confirmation Page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display address of the website | | Display address of the website |
|  | * Display Register link | | On Click display the Register page |
|  | * Display Login link | | On Click display the Login page |
|  | * Display header text | | Display the “Register confirmation” message |
|  | * Display smaller text | | Information about the procedure. |
|  | * Display Account Confirmation link | | On Click display the Account Confirmation page. |
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| **Exception** | | | |
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| **Validations** | | | |
| * User has clicked the Register button | | | |
| **Notes** | | | |
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Xhovana -Use Cases

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| **Nomination** | | **Admin Panel** | |
| **ID** | | Page001 | |
| **Requests** | | Structures available on the Administrator panel | |
| **Description** | | All the elements that will be shown on the administrator panel page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Manage Page details. | | Administrator should be able to Add/Edit the components . |
|  | * Manage Forum | | Add, Edit, Activate, Deactivate the Elements of the Forum. |
|  | * Manage Posts | | Edit, Delete a post done by a user. |
|  | * Manage Users | | Edit Properties, Activate, Deactivate a user, Edit authentication data. |
| **Exception** | | | |
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| **Validations** | | | |
| * Only if type of user is “Administrator” display the admin panel access. | | | |
| **Notes** | | | |
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| **Nomination** | | **Dashboard Page** | |
| **ID** | | Page002 | |
| **Requests** | | Structures available on the main page | |
| **Description** | | All the elements that will be shown on the main page or accessible from the main page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display Dashboard | | Display general information about the site, like statistics that will be generated automatically based on the performance of the user in the forum. On the top left will be the buttons of logout and user profile. |
|  | * Display Forums | | On Click admin can go through all the forums added by any user in the site. |
|  | * Display Pages | | Information about all the pages that are part of the site. This action is done on click from the dashboard. |
|  | * Display Memberships | | On Click display the list of all the user registered in the system with their role assigned. |
|  | * Display Setting | | Should display a box with the current themes available for the admin to choose for the site after clicking settings. |
|  | * Display Configuration | | On Click admin can add information on the site. |
|  | * Display User Profile | | On Click at hello, username the user can organize their personal data. |
| **Exception** | | | |
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| **Validations** | | | |
| * If user previously logged in depending on the policy of authentication should be redirected to the Main page but logged in as user and then redirected to admin dashboard. | | | |
| **Notes** | | | |
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| **Nomination** | | **Forum Page** | |
| **ID** | | Page003 | |
| **Requests** | | Structures available on the Forum Page | |
| **Description** | | All the elements that will be shown on the Forum page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
|  | * Display Forums | | Display forums posted with the following elements. |
|  | * Create new Forum | | Display a form with the appropriate fields of a forum. |
|  | * Edit Details of a Forum | | Update information of a forum. |
|  | * Display Categories | | Display all categories that are part of a particular forum. |
| 5. | * Create Category | | Add a new category with any particular forum. |
| 6. | * Edit Details of a Category | | Update information of any category. |
| 7. | * Display Topics | | Display all topics that are posted by users corresponding to a particular forum. |
| 8. | * Edit/Delete Topics | | Update or remove information on the topics posted. |
| **Exception** | | | |
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| **Validations** | | | |
| * Only if type of user is “Administrator” display the admin forum access. | | | |
| **Notes** | | | |
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| **Nomination** | | **Membership Page** | |
| **ID** | | Page004 | |
| **Requests** | | Structures available on the Membership Page | |
| **Description** | | All the elements that will be shown on the membership page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
| 1. | * Display Users | | Display users with the following elements. |
| 2. | * Edit Details of a User | | Update user information. |
| 3. | * Display Roles | | Display the roles that are currently in the system. |
| **Exception** | | | |
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| **Validations** | | | |
| * Only if type of user is “Administrator” display the membership panel access. | | | |
| **Notes** | | | |
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| **Nomination** | | **Setting Page** | |
| **ID** | | Page004 | |
| **Requests** | | Structures available on the Membership Page | |
| **Description** | | All the elements that will be shown on the membership page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
| 1. | * Display Themes | | Display themes with their elements elements. |
| 2. | * Select Theme | | On Click select the theme admin would prefer to be shown. |
| **Exception** | | | |
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| **Validations** | | | |
| * Only if type of user is “Administrator” display the membership panel access. | | | |
| **Notes** | | | |
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| **Nomination** | | **SitePages Page** | |
| **ID** | | Page004 | |
| **Requests** | | Structures available on the SitePages Page | |
| **Description** | | All the elements that will be shown on the membership page | |
| **Needs** | | Other requisites from the user for elements available on the page | |
| **Description of Activities** | | | |
| **Step** | **Activity** | | **Results** |
| 1. | * Display SitePages | | Display pages with their elements elements. |
| 2. | * Edit Details of a SitePage | | Update page information. |
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| **Exception** | | | |
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| **Validations** | | | |
| * Only if type of user is “Administrator” display the membership panel access. | | | |
| **Notes** | | | |
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**Entities**

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| Code | Entity | Description |
| 01 | **User** | The users should have types, Admin and User. Also the users should have the following properties:  Username, Email, Password, Phone number, and Two-factor authentication. |
| 02 | **Post** | Should have the following properties: Post ID, User Id, User IP, Posted Date, Text, Edited date, Flags, Edit reason, Editor, Moderator change, Deletion, Deletion reason, Approval, Topic ID. |
| 03 | **Topic** | Should have the following properties: ID, Title, Text, User Id, Username, UserIP, Posted Date, Edited date, Flags, Edit reason, Editor, Moderator change, Deletion, Deletion reason, Approval, Category ID, Posts. |
| 04 | **Category** | Should have the following properties: Category ID, Ttile, Description, Rank, Forum ID, Topics. |
| 05 | **Forum** | Should have the following properties: Forum ID, Title, Description, Categories. |
| 06 | **Configuration** | Should have the following properties: Id, Analytics code,Grid user,Grid key, Registration approva message. |
| 07 | **Page** | Should have the following properties: Page ID, Title, Main content, Deletion, Index. |
| 08 | **Theme** | Should have the following properties: Theme ID, Selection, Text domain. |