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| **Course Registration System**  **Use Case Specification**  ***1.1 Login Use-Case***  **Version: Draft**  **Revision History**   |  |  |  |  | | --- | --- | --- | --- | | **Date** | **Version** | **Description** | **Author** | | 21/Dec/98 | Draft | Draft Version | Syrus Brawn | |  |  |  |  | |  |  |  |  | |  |  |  |  |   **Table of Contents**   1. [Brief Description](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495803) 2. [Flow of Events](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495804)   2.1    [Basic Flow - Login](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495805)  2.2    [Alternative Flow](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495806)                         2.2.1       [Invalid Name / Password](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495807)   1. [Special Requirements](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495808) 2. [Preconditions](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495809) 3. [Postconditions](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495810) 4. [Extension Points](http://dit.isuct.ru/Publish_RUP/extend.formal_resources/guidances/examples/resources/uc_login_draft.htm#_Toc449495811)   **1.1-Login Use Case**   1. **Brief Description**   This use case describes how a user logs into the Course Registration System.  The actors starting this use case are Student, Professor, and Registrar.  **2.****Flow of Events**  The use case begins when the actor types his/her name and password on the login form.  **2.1****Basic Flow - Login**   1. The system validates the actor's password and logs him/her into the system. 2. The system displays the Main Form with a Welcome message and the use case ends.   **2.2****Alternative Flows - 1**  2.2.1*Invalid Name / Password - Message “User id not registered” should be displayed*  *2.2.2 valid name /invalid Password – Message “Invalid password” should be displayed*  *2.2.3 Empty – “Message “All fields are mandatory” should be displayed*  *2.2.4 –Formats -*  Username – >5-10 chars and chars only  Password – 8 chars min , 1 spl char ,1 number and 1 uppercase letter mandatory lowercase letters  Issue: Need to decide whether password security is necessary for this application.  **3.****Special Requirements (Non functional)**  Special requirements will be determined during the next iteration.  **3.1 Accessibility – All links in the pages should be magnifiable**  **3.2 Security – All fields should be checked for spl char inhibition except password**  **3.3 Performance – The login page should be able to load within 4 seconds for 5000 employees concurrently logging in**  **3.4 UI- All fields in the login screen should have a keyboard shortcut**  **4.    Preconditions**  User should have registered /signed up in the system  **5.****Postconditions**  User should see the home page with Welcome <username> should be displayed on the top right corner of the web application  **6.****Extension Points**   * 1. Extension points of the business use case will be identified during the Elaboration Phase. |

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