**TEXAS Group**

**EasiLendar**

**Test Design Specification**

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***Creator: Duy Nguyen***

**Approvals Signature Block**

|  |  |  |
| --- | --- | --- |
| **Organization Responsibility** | **Signature** | **Date** |
| *Customer /customer representative* |  |  |
| *Project Manager* |  |  |
| *Software Quality Assurance Leader* |  |  |
| *Software Configuration Management Leader* |  |  |
| *User Documentation Leader* |  |  |
| *User Training Leader* |  |  |
| *Testing Manager* |  |  |
|  |  |  |

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# Test Design Specification Identifier

**Case Study:** Test e-commerce website

**Software:** EasiLendar

# Features to be Tested

**Functions:**

→ Sign up: User can register a new account for using software.

→ Login: User can sign in with their own user name and password.

→ View default calendar: User can see default calendar (editable on setting function) after signing in successfully.

→ View My profile: User can see their own profile page (calendar and personal information).

→ Search for events or friend: User can search for their friend or events by name.

→ Appointment (find meeting): User can find an appointment with their friend and send meeting request to them.

→ Todo (extended function): User can manager their “To do list” with a lot of smart customizations and attractive gadget.

→ Synchonize with Social Networking: User can login to Social Networking by their own account and sync their software calendar with Social Networking in two dimensions.

→ Refresh function: User can refresh to see their new notification or event.

→ Setting: User can custom their software about interface or function.

→ Sign out: User can sign out with current account and go back to sign in page.

→ Exit: User can exit without sign out.

→ View Month calendar: User can see Month calendar.

→ View Week calendar: User can see Week calendar.

→ View calendar by List of events: User can see their event list.

→ Today function: User can back to Today on calendar.

→ View notifications {friend, request, respond}: User can see their notifications.

→ View friend list: User can see their friend list and manage it.

→ View friend ‘s profile: User can see their friend’s profile {calendar and personal information}.

→ Add friend (Send friend request): User can send friend request to another user.

→ Delete friend: User can delete a friend on their friend list.

→ Add new event: User can add an event to their calendar.

→ Delete event: User can delete an event on their calendar.

→ Edit event: User can edit their event.

**Environment:** ionic serve on Chrome (latest version), Firefox (latest version), IE (10, 11), android device, ios device (Iphone or Ipad).

# Approach Refinements

The approach to testing that software correctly is specified in Section 5 Feature Pass/Fail Criteria in this document.

* The approach to testing feature 1 (Sign in): Try to register a new user and test all field and features that all required field, and all task run correctly as the design.
* The approach to testing feature 2 (Register): Try to login in a created account and check that this feature run well.
* The approach to testing feature 3 (View default calendar): Create an account, login in this account. See on home page and do something with defaut calendar view, check that all “next” and “previous” function run perfectly.
* The approach to testing feature 4 (View My profile): Create an account, login in this account. Go to leftside menu panel, press on user ‘s full name (go to my profile page). See on profile page and check that interface and all task run correctly as the design.
* The approach to testing feature 5 (Search): Create an account, login in this account. Go to leftside menu panel, press on “Search” button. Try to enter all required fields search for user and event, test the result of search function.
* The approach to testing feature 6 (Appointment): Create an account, login in this account. Go to leftside menu panel, press on “Appointment” button. Try to test all field (required field) and press “Done” to test for list of result and for sending meeting request to friend.
* The approach to testing feature 7 (Todo): Coming soon…
* The approach to testing feature 8 (Synchonize with Social Networking): Create an account, login in this account. Go to leftside menu panel, press on “Sync” button. Try to test synchonizing with facebook, local calendar and google calendar, test for checking login status (have logged in yet), test for updating events and test for logging out.
* The approach to testing feature 9 (Refresh): Create an account, login in this account. Go to leftside menu panel, press on “Refresh” button, try to test for updating data (notifications and events) of user.
* The approach to testing feature 10 (Setting): Create an account, login in this account. Go to leftside menu panel, press on “Setting” button, try to change some settings and back to Home page and test for result.
* The approach to testing feature 11 (Sign out): Create an account, login in this account. Go to leftside menu panel, press on “Sign out”. Try to test that user will back to Sign in page successfully.
* The approach to testing feature 12 (Exit): Create an account, login in this account. Go to leftside menu panel, press on “Exit” button. Try to test that confirm popup appears to ask user and test for exit software.
* The approach to testing feature 13 (View Month calendar): Create an account, login in this account. Choose “Month” on type calendar list and try to test for two interfaces of month calendar (Time Grid and Event List) and some functions such as “next month”, “previous month”, “next year” or “previous year” .
* The approach to testing feature 14 (View Week calendar): Create an account, login in this account. Choose “Week” on type calendar list and try to test for interface of calendar and some functions such as “next week” or “previous week”.
* The approach to testing feature 15 (View Day calendar): Create an account, login in this account. Choose “Day” on type calendar list and try to test for two interfaces of day calendar (Time Grid and Event List) and some functions such as “next day” or “previous day”.
* The approach to testing feature 16 (View calendar by List of events): Create an account, login in this account. Choose “List” on type calendar list and try to test for interface of list calendar and scroll down to test for “more events” function.
* The approach to testing feature 17 (Today): Create an account, login in this account. Choose one type of calendar view, then try to test Today function by pressing on “Today”button and see whether current calendar goes back to today.
* The approach to testing feature 18 (View notifications): Create an account, login in this account. Press on “Notification” button and try to test for each type of noti {friend, request, respond}.
* The approach to testing feature 19 (View friend list): Create an account, login in this account. Press on “Friend” button to open friend list and try to test all function with friend list such as search friend, sort friend list and pressing on name of friend to see three functions which to do with this friend {date, view, delete}.
* The approach to testing feature 20 (Add friend): Create an account, login in this account. Try to search for a friend by search function and press on “add friend” button. Then test for sending friend request to user and respond notification.
* The approach to testing feature 21 (Delete friend): Create an account, login in this account. Press on “Friend” button to open friend list, choose name of a friend and press on “Delete” button. Try to test for an emergence of confirm popup which to ask user, and after pressing “OK”, try to test for friend list again.
* The approach to testing feature 22 (Add new event): Create an account, login in this account. Press on “Add event” button and test for all input fields, then complete to enter all fields and press on “Save” button. Try to test for an appearance of new event on calendar.
* The approach to testing feature 23 (Delete event): Create an account, login in this account. Press on an event on calendar and press “Delete” button. Try to test for emergence of confirm popup which to ask user, and after pressing “OK”, try to test for a disappearance of this event on calendar.
* The approach to testing feature 24 (Edit event): Create an account, login in this account. Press on an event on calendar and press “Edit” button. Test for all input fields, then complete to enter all fields and press on “Save” button. Try to test for a disappearance of old event on calendar and an appearance of new event on calendar.

# Test Identification

Each Test Case must be written like this template:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Purpose** | **Pre-Condition** | **Procedure** | **Expected Result** | **Status** | **Test Date** | **Executor** | **Note** |
| <Name>\_001 | <Describes briefly whether this test case is to test GUI, or to validate specified field/button/checkbox> | <The condition must be met to execute this test case, for example, to edit user profile, the pre-condition is "User is currently logged in"> | Numbered steps to execute this test case: 1.  2.  3.  4.  5. | <The expected output of test case. If there are multiple expected results, they must be numbered correspondingly to the number of step in test case procedure> | Pass | <mm/dd/yyyy> |  | (Bug\_ID) |

# Feature Pass/Fail Criteria

All features must be run correctly as the design in the respective file in /spec. All common interfaces and features must be contained inspire of they are not mentioned in the /spec.

As follow:

**#001. Login:** *As a user,* *I want to login with my account in order to use software.*

**ACCEPTANCE CRITERIA**

1. Successful login with correct username and password

* Go to home page and see default calendar

1. Unsuccessful login with invalid username or password

* Go to page show “Your ID or password was incorrect”
* Pressing OK will back to sign in page.

1. Validate required fields for ID or password

* Show message “This is a required field” in red below each of field

Document Control

Change History

|  |  |  |
| --- | --- | --- |
| **Revision** | **Release Date** | **Description [list of changed pages and reason for change]** |
|  |  |  |
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Document Storage

This document was created using Microsoft Office Professional Plus 2013. The file is stored **/EasiLendar/Documents/Test**

Document Owner

Duy Nguyen is responsible for developing and maintaining this document.