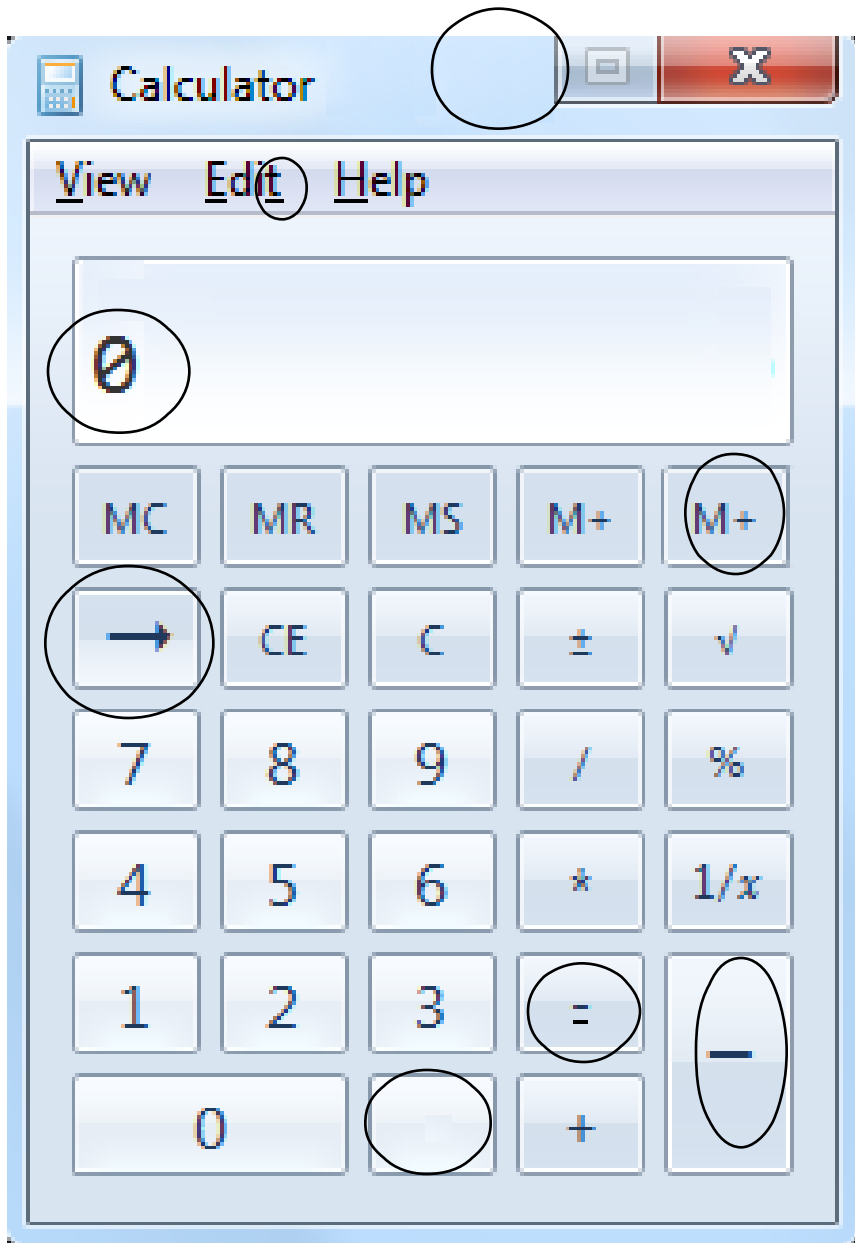


## Find the bugs in the following apps

### 1. Calculator app



## 2. Calendar

Create calendar: Year:  Year:  Country:

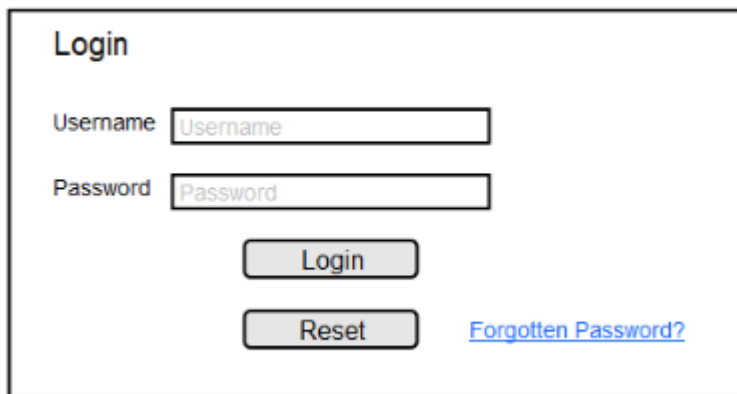
◀ November  January 2013 ▶

### Calendar for December 2013 (India)

December						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					
Phases of the moon: 3 ● 9 ○ 17 ○ 25 ●						
Holidays and Observances: 2: 'St Andrew's Day' observed (Scotland), 25: Christmas Day, 26: Boxing Day						

## Lack of documentation

Please find below Login feature by using design mockup. NOTE: Business requirements are not documented, so ensure you have covered all the relevant / standard authentication cases.



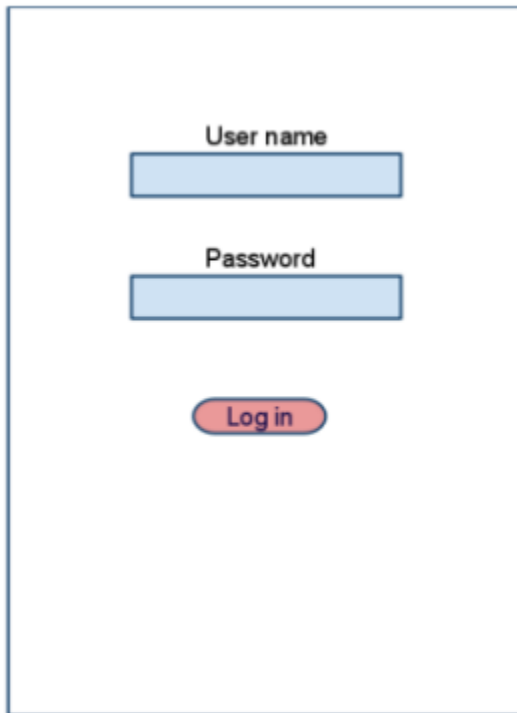
A design mockup of a login form. The form is enclosed in a rectangular box with a thin black border. At the top left of the box, the word "Login" is displayed in a bold, black, sans-serif font. Below the title, there are two input fields. The first is labeled "Username" in a small, gray, sans-serif font, followed by a white rectangular input box with a thin black border containing the placeholder text "Username" in a light gray font. The second is labeled "Password" in a small, gray, sans-serif font, followed by a white rectangular input box with a thin black border containing the placeholder text "Password" in a light gray font. Below the password field, there are three elements arranged horizontally: a gray rectangular button with rounded corners and the text "Login" in a black, sans-serif font; another gray rectangular button with rounded corners and the text "Reset" in a black, sans-serif font; and a blue, underlined text link that reads "Forgotten Password?".

# **Review of specification to find bugs**

## **1.1 Scope**

The “App” is a GPS-based mobile application which helps people to find the closest restaurants based on the user’s current position and other specification like price, restaurant type, dish and more. The application should be free to download from either a mobile phone application store or similar services. Restaurant owners can provide their restaurant information using the web-portal. This information will act as the bases for the search results displayed to the user. An administrator also uses the web-portal in order to administer the system and keep the information accurate. The administrator can, for instance, verify restaurant owners and manage user information. Furthermore, the software needs both Internet and GPS connection to fetch and display results. All system information is maintained in a database, which is located on a web-server. The software also interacts with the GPS-Navigator software which is required to be an already installed application on the user’s mobile phone. By using the GPS-Navigator, users can view desired restaurants on a map and be navigated to them. The application also has the capability of representing both summary and detailed information about the restaurants.

## 1.2 Mock - ups



A mockup of a login page. It features two text input fields: the top one is labeled "User name" and the bottom one is labeled "Password". Below these fields is a red, pill-shaped button with the text "Log in" in white.

*Figure 1 Login page*



A mockup of a search page. At the top is a "Free-text search" section with a text input field. Below this is the heading "Or search by:". There are four search criteria, each with a checkbox and a corresponding input field: "Destination" with "Min" (0 km) and "Max" (10 km) sub-inputs; "Price" with "Min" and "Max" sub-inputs; "Restaurant type" with a dropdown menu; and "Dish" with a dropdown menu. A red, pill-shaped "Search" button is at the bottom. A small circular icon with the letter "P" is in the bottom right corner.

*Figure 2 Search page*

## 1.3 Functional requirements

ID: FR1

TITLE: User registration

DESC: The user cannot use the app without account. The registration is possible from the login screen. Using the **Not registered? Click here** link the user is able to register and can start using the app.

ID: FR2

TITLE: User log in

DESC: Once the user fill valid credentials it should be able to log in the application.

ID: FR3

TITLE: Forgotten password

DESC: If a registered user forget it's password it should be able to change it and log in with the new password. Using Forgotten password link and filling valid email the user should be able to change its password.

ID: FR4

TITLE: Search page functionality

DESC: The functionality of the search page is based on the Search page mock-up from 1.2