

# Date Validation Example

## 1. Selected Date cannot be less than Today

```
2. function onChange(control, oldValue, newValue, isLoading, isTemplate) {
3.     if (isLoading || newValue === '') {
4.         return;
5.     }
6.     var selectedDateNum = getDateFromFormat(newValue,g_user_date_time_format
    );
7.     var today_date = new Date();
8.     var today_dateStr = formatDate(today_date, g_user_date_time_format);
9.     var todayDateNum = getDateFromFormat(today_dateStr, g_user_date_time_for
    mat);
10.    if(selectedDateNum < todayDateNum) {
11.        g_form.showErrorBox("expected_start","Expected date cannot be less tha
    n today's date",true);
12.    } else {
13.        g_form.hideFieldMsg('expected_start',true);
14.    }
15. }
```

## 2. Date to be entered between Today and 30 days from today's date.

```
function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') {
        return;
    }
    var today_dateStr = formatDate(new Date(),g_user_date_time_format);
    var thirty_days_from_today = new Date();
    //add 30 days to today's date.
    thirty_days_from_today.setDate(thirty_days_from_today.getDate()+30);
    var thirty_days_from_todayStr = formatDate(thirty_days_from_today,g_user_
    date_time_format);
    var todayNum = getDateFromFormat(today_dateStr,g_user_date_time_format);
    var thirty_daysNum = getDateFromFormat(thirty_days_from_todayStr,g_user_d
    ate_time_format);
    var selected_dateNum = getDateFromFormat(newValue,g_user_date_time_format
    );
    if(selected_dateNum < todayNum || selected_dateNum > thirty_daysNum) {
        g_form.showFieldMsg('expected_start','Date should be between Toda
    y and 30 days from Today','error',true);
    } else {
        g_form.hideFieldMsg('expected_start',true);
    }
}
```

```

    }
}

```

### 3. Date to be entered only 10 days from selected date field.

```

function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') {
        return;
    }

    var expected_date = new Date(getDateFromFormat(g_form.getValue("expected_
start"), g_user_date_time_format));
    expected_date.setDate(expected_date.getDate()+10);
    var expected_dateStr = formatDate(expected_date,g_user_date_time_format);
    var expected_dateNum = getDateFromFormat(expected_dateStr,g_user_date_tim
e_format);
    var selected_dateNum = getDateFromFormat(newValue,g_user_date_time_format
);

    if(selected_dateNum < expected_dateNum ) {
        g_form.showFieldMsg('work_start','Date should be 10 days from Exp
ected date','error',true);
    } else {
        g_form.hideFieldMsg('work_start',true);
    }
}

```

4. when user select start date end date should not allow to select after 7 days from start date( ex: start date is jan 1st user can able to select after 7th days only before that he cant select date and thrown error msg stating that please select after 7 days from start date)

```

function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') {
        return;
    }

    var start = new Date(g_form.getValue('u_start_date'));
    var end = new Date(g_form.getValue('u_end_date'));
    var sevenDaysLater = new Date(start.getTime() + 7 * 24 * 60 * 60 * 1000);
    if (end < sevenDaysLater) {

```

```
        g_form.showFieldMsg('u_end_date', 'End date should be after 7 days  
of start date', 'error', false);  
        g_form.setValue('u_end_date', '');  
    }  
  
}
```