var sheet = SpreadsheetApp.getActiveSpreadsheet();

var ss = sheet.getSheetByName("list");

var range = ss.getRange(2,1,ss.getLastRow()-1, ss.getLastColumn());

function Status(){

var rows = range.getValues();

for (var i = 2, j = rows.length; i <= j; i++){

var Status = ss.getRange(i, 9);

Status.setFormula("=IF(E"+ i +" < TODAY(),true,false)");

}

sort();

}

function doPost(e){

return getUsers(ss);

}

function getUsers(ss){

Status();

var jo = {};

var dataArray = [];

var rows = range.getValues();

for(var i = 0, j= rows.length; i<j ; i++){

var dataRow = rows[i];

var record = {};

var status = dataRow[8];

if(status == false){

record['FillTime'] = Utilities.formatDate(dataRow[0], 'GMT+8', 'yyyy/MM/dd\' \'HH:mm');

record['Department'] = dataRow[1];

record['Applicant'] = dataRow[2];

record['RoomName'] = dataRow[3];

record['BorrowDate'] = Utilities.formatDate(dataRow[4], 'GMT+8', 'yyyy/MM/dd');

record['StartTime'] = Utilities.formatDate(dataRow[5], 'GMT+8', 'HH:mm');

record['EndTime'] = Utilities.formatDate(dataRow[6], 'GMT+8', 'HH:mm');

record['Reason'] = dataRow[7];

dataArray.push(record);

}

}

jo.data = dataArray;

var result = JSON.stringify(jo);

Logger.log(result);

return ContentService.createTextOutput(result).setMimeType(ContentService.MimeType.JSON);

}

function sort(){

range.sort([{column: 5, ascending: true}, {column: 6, ascending: true}]);

}