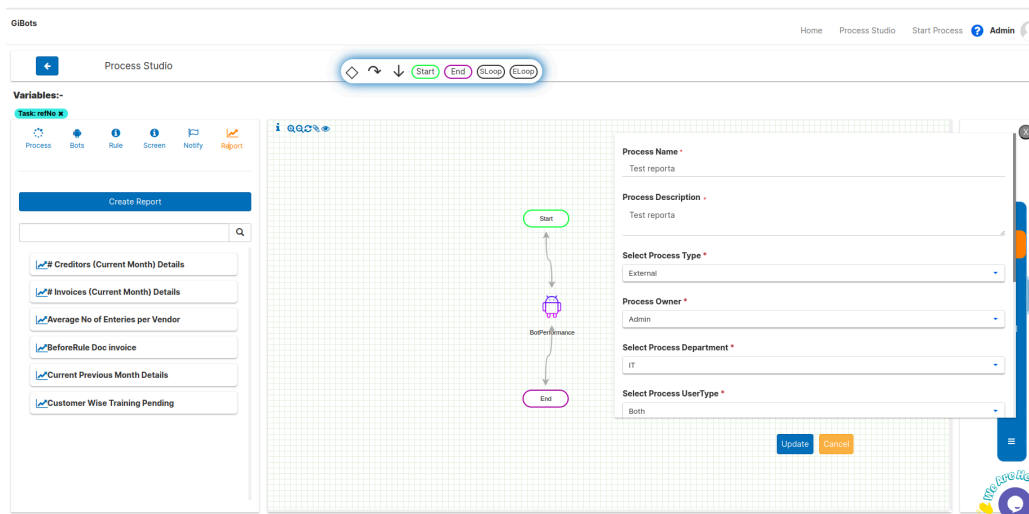
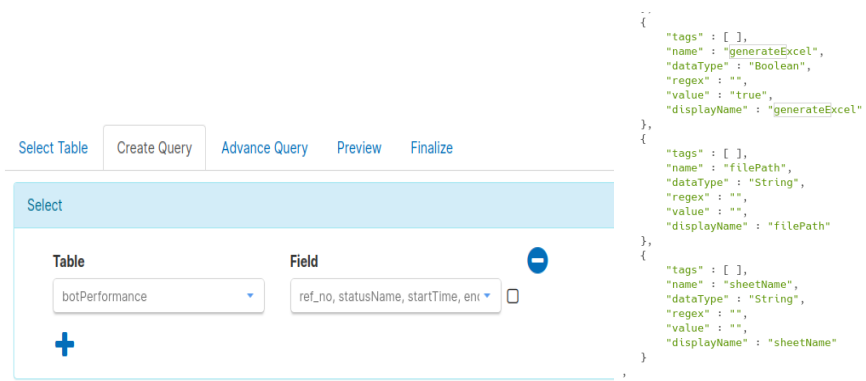


- Dashboard table reports can be used as Bot while creating bot in process studio. There is one tab for reports section from where we can drag and attach the bot.



- Here one process is created using the report bot. When we attach the report bot it takes all the selected fields as a inputparameters + 3 extra parameters which are used while creating a excel file of that report if needed.



- generateExcel field should be true if needed the data in excel file.
- File Path and sheet name we can pass if wanted to created on the particular file path and sheet name in excel.
- Outputparameters will be these two : reportData & resPath
  - reportData consists data of that report
  - Filepath if we are generating any excel file.

⚙️ Bot Details
↕️ Input Output

Generateexcel:

Filepath:

Sheetname:

OUTPUT:

reportData
resPath

- When we attach a report bot, it is actually a node-api bot meaning its code is present in bocommonfunctions.ts of node-api with one extra parameter of reportId while calling that bot.

```

"isSlaMet" : true,
"slaId" : null,
"escalationId" : null,
"isEscalationMet" : true,
"isLimit" : false,
"_id" : ObjectId("663cc825|ea04abfb91c39b6d"),
"taskTitle" : "BotPerformance",
"functionName" : "applyCustomReport",
"reportId" : ObjectId("6218a963ced6a56914c4222d"),

```

- functionName : applyCustomReport
  - Here, we find the report from dynamicreportqueires collection and creates a query based on the input parameters and find the required data.

```

public async applyCustomReport(input, output, botId, projectId, iterationId) {
  try {
    const self = this;
    let reportId = input.reportId;
    if (!reportId) throw "ReportId is not present";

    let reportData = await (db.collection('dynamicreportsqueries')).findById(reportId).lean();

    if (!reportData) throw "Report is not present in DB.";

    let collection = reportData.table;
    let queryString = JSON.parse(reportData.queryString);

    let fields = reportData.tableReceivedData && reportData['tableReceivedData'][0] ? reportData['tableRece

    let matchObj = {};

    for (let item of fields) {
      if (input[item['dbName']] && item['dbName'] != 'orgId') {
        matchObj[item['dbName']] = input[item['dbName']];
      }
    }

    let match = {
      $match: matchObj
    }

    queryString.unshift(match);
  }
}

```

ⓘ You have Docker installed on your system. Do  
install the recommended 'Dev Containers' ex