**Sayso BotService - Technical Flow Diagram**

**Step 1:** Start Bot and Identify User

Store User details

Server.js

Authentication

IdentifyUserViaSharepointToke.js

**Memory**

**Directory/ Folder**

Auth.js

startUp

**Module/ File**

**Step 2:** Get Active Survey List & Display

Server.js

Web API

Dialogs

ActiveSurveyList

ActiveSurveyList.js

Response Card

**Step 3:** Perform Operation based on User’s Choice

ActiveSurveyList

DisplaySurveyAndDoOperations.js

RemindMeLater

Dialogs

DoSurvey

**Step 4:** Remind Me Later

RemindMeLater

Web API

remindMeLaterResponse.js

Config

**Step 5:** Get Survey Questions and Conduct Survey

StartSurvey.js

Dialogs

DoSurvey

surveyQ&A.js

promptUserBasedOnQuestionType.js

gridChoiceTypeQuestions.js

submitSurveyResponse.js

infoToFrontEnd.js

**Step 6:** Take All Survey

StartSurvey.js

Dialogs

DoSurvey

surveyQ&A.js

promptUserBasedOnQuestionType.js

gridChoiceTypeQuestions.js

submitSurveyResponse.js

infoToFrontEnd.js

takeAllSurvey.js

* **Add Question and options to Card & Display**

DoSurvey

promptUserBasedOnQuestionType.js

formatSurveyQ&A

Response Card

* **Error Logging**

Server.js

logError.js

Error

* **Session Timeout, Typing Indicator, Server Configuration & Start Conversation**

Server.js

sessionTimeout.js

startUp

serverConfigurartion.js

typingIndicator.js

initiateConversationFromBotSide.js

* **Survey Response Submission**

DoSurvey

**submitSurveyReport ()**

**submitSurveyResponsePeriodically ()**

**postSurveyResponse** ()

callback

callback

If POST is successful, give confirmation msg, Otherwise show error message

If POST is not successful, display error msg, Otherwise do nothing