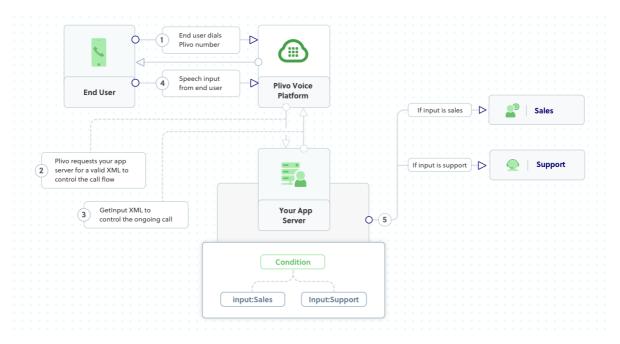
Voice recognition Project



```
package com.example.VirtualAssistant;
//importation
import com.plivo.api.exceptions.PlivoValidationException;
import com.plivo.api.exceptions.PlivoXmlException;
import com.plivo.api.xml.*;
import com.plivo.api.xml.Number;
import org.springframework.boot.SpringApplication;
import\ org. spring framework. boot. autoconfigure. Spring Boot Application;
import org.springframework.web.bind.annotation.*;
import javax.servlet.http.HttpServletRequest;
@SpringBootApplication
//used for auto-configuration and is equivalent to using @Configuration, @EnableAutoConfiguration, and @ComponentScan
//combination of the @controller and @ResponseBody annotation
//allows the class to handle the requests made by the client
//It converts the response to JSON or XML
public class VirtualAssistantApplication {
 public static void main(final String[] args) {
   SpringApplication.run(VirtualAssistantApplication.class, args);
//SpringApplication.run(Classname.class, args) bootstraps a spring application as a stand-alone application from the main method.
//It creates an appropriate ApplicationContext instance and load beans
String welcomeMessage = "Welcome to the demo app, Say Sales to talk to our Sales representative. Say Support to talk to our Support re
// Welcome message - firstbranch
String noInput = "Sorry, I didn't catch that. Please hangup and try again later.";
// This is the message that Plivo reads when the caller does nothing at all
String wrongInput = "Sorry, it's a wrong input.";
// This is the message that Plivo reads when the caller inputs a wrong digit.
@GetMapping(value = "/virtual_assistant/", produces = {"application/xml"}
//a specialized version of @RequestMapping annotation that acts as a shortcut for @RequestMapping(method = RequestMethod.GET)
//handles the HTTP GET requests matched with given URI expression.
//XML request
//When Plivo makes a synchronous HTTP request to your application, the API expects an XML document in response.
//Plivo sends a few parameters with the HTTP request that your application can act upon before responding.
//The throw keyword in Java is used to explicitly throw an exception from a method or any block of code.
public Response getInput(HttpServletRequest request) throws PlivoXmlException, PlivoValidationException {
```

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