1. Install JDK version 1.7
2. Install MySQL
3. Install Eclipse Indigo 3.7
4. Install Eclipse Android Bundle
5. Install Apache tomcat version 6.0.
6. Create MySQL database and tables by running **db.sql** script**.**
7. Open speechsms file in Eclipse Indigo.
8. In Eclipse Indigo,

Open **Window** -> **Preferences** -> **Server** -> **Installed Runtimes**.

Click on **Add**. This will open **New Server Runtime** dialog, select the installed Apache tomcat under **Apache**.

Click on **Next**, and fill in your Tomcat Installation Directory.

Click on **Finish.**

9. In Eclipse Indigo,

Open **Window** -> **Preferences** -> **Java** -> **Installed** **JRE**

Click on **Add** and navigate to the folder you have installed JDK 1.7

Click on **Finish**.

10. Build the project. And start Tomcat on Eclipse.

11. Go to **localhost:8080** and check if Apache tomcat is working fine. Then type url [**http://localhost:8080/speechsms**](http://localhost:8080/speechsms)to run the web application**.**

12. Open speech\_sms file in Eclipse ADT.

13. Search for Global.java file and enter your ipv4 address. (Go to command prompt and enter command **ipconfig**, you can find ipv4 address you are connected to). Build the project and run.

14. You can install the apk file on android phone and run.