

Test Case ID	Test Case description	Test Steps	Expected Result	Actual Result	Passed/Failed
VOICE_TC_001	Voice recognition	1- Connect the DC motor with H-Bridge module with 1&2. 2- Connect pins 4,5,6&7 from the RPI to ENA,GND, in1 & in2 from the H-Bridge 3- connect the mic through USB of RPI and say "start engine"	The motor will run		
VOICE_TC_002	Voice recognition	1- Connect the DC motor with H-Bridge module with 1&2. 2- Connect pins 4,5,6&7 from the RPI to ENA,GND, in1 & in2 from the H-Bridge 3- connect the mic through USB of RPI and say "stop engine"	The motor will Stop		
VOICE_TC_003	Voice recognition	1- Connect the DC motor with H-Bridge module with 3&4. 2- Connect pins 15,16,19&20 from the RPI to ENB,in3, in4 & GND from the H-Bridge 3- connect the mic through USB of RPI and say "open AC"	The motor will run		
VOICE_TC_004	Voice recognition	1- Connect the DC motor with H-Bridge module with 3&4. 2- Connect pins 15,16,19&20 from the RPI to ENB,in3, in4 & GND from the H-Bridge 3- connect the mic through USB of RPI and say "stop AC"	The motor will Stop		
VOICE_TC_005	Voice recognition	1- Connect the yellow wire of servo with pin 18 of RPI. 2- connect the red wire with VCC (pin4) 3- connect the black wire with GND (pin6) 4- connect the mic through USB of RPI and say "turn on wiper"	The servo will turn 90 degree then sleep 2sec then -90 then sleep then 90 then sleep then -90		
VOICE_TC_006	Voice recognition	connect the mic through USB of RPI and say "play audio"	The audio will play		
VOICE_TC_007	Voice recognition	run first VOICE_TC_006 then say "stop audio"	The audio will stop		
VOICE_TC_008	Voice recognition	connect the mic through USB of RPI and say "exit"	The in the terminal will display ... then sleep 1sec 3 times then display "Goodbye"		
VOICE_TC_009	Voice recognition	connect the mic through USB of RPI and say "Bye"	Error msg		