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| --- | --- | --- | --- | --- | --- |
| ***No.*** | ***Description of module*** | ***Initially Proposed*** | ***Actually Implemented*** | ***Additional Implementation*** | ***Future Prospect*** |
| 1 | Module 1- Receiving message at server end | 1. Continuously check modem end for new messages | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\error.png |  |  |
| 2. Extract user SMS through AT commands and send it to server | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png |  |
| 2 | Module 2- Searching the keyword over Wikipedia | Take the SMS as keyword which HAS to be in a particular format and search it over the internet | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png | Option to receive 1 paragraph wiki information or complete summary | To provide support for abbreviations |
| Removing Case sensitivity of keyword |
| Removing the need to send SMS with words separated by ‘\_’ |
| Removal of unwarranted space in message |
| 3 | Module 3-  Retrieving the information from Wikipedia | To parse the HTML contents of corresponding Wikipedia page to eliminate tags from summary | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png | Naming the corresponding text file with phone number of the requestor. | To inform user if error is encountered in searching his keyword |
| To store the parsed summary contents in a flat file | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png | To retrieve multiple unread messages |
| 4 | Module 4-  Storing the Wikipedia file in database | To store summary of each requested keyword in database and check for matches before searching for the information over internet |  |  | To maintain record of keywords a particular user requests |
| 5 | Module 5-  Converting text information to speech | To convert the summary contents into audio format | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png |  | Support for languages other than English |
| 6 | Module 6-  To call back the user | To do this using AT commands and relay the information in audio format | C:\Users\Nelson\Desktop\Voice  Wiki\Refernce material\Websites & Images\120px-Symbol_Check.svg.png | Giving the user a short goodbye and thank you message after relaying summary | To end the call from the server side after summary is relayed |