Cloud Sound System

Front-end Description and Phases

The front-end of the project is the part that is responsible for the interaction with the end-user, it will be a well designed website where the user can manage his speakers and audio files, so the website should AT LEAST include the following :

1. **Home :** has the main features of the whole system either the software of the hardware.
2. **Register :** where the user can create a new account.
3. **Login :** where the user can login to his account.
4. **Dashboard :** From this part the user can control everything, it should AT LEAST include the following :
   A) All the Speakers that he has.
   B) The ability to add new speaker to his account.
   C) The status of each speaker "Connected/Disconnected/Playing".
   D) Controllers to control any speaker :
      i.   Turn On/Off.
      ii. Control the volume.
      iii. Control the different features of the speaker like Bass.
   E) File manager for :
      i.   Uploading a new audio file to his account.
      ii. View the current files and the details of each one.
      iii. Delete a file.
   F) Media player :
      i.   Play one of the files he has on any speaker.
      ii. Play/Pause/Stop/Replay/Shuffle.
   G) Play-lists :
      i.   Create a play-list of some files.
      ii. Send any play-list to the Media Player.
5. **User's Profile :** where he can change his personal data, … etc.
6. **Contact-Us page :** to contact the team of the project.
7. **About-Us page :** describes the idea of the project, state the project's team and the bio of each one.