PROJECT DEVELOPMENT-DELIVERY OF SPRINT 3

Date	13 November 2022
Team ID	PNT2022TMIDD43024
Project Name	Real Time Communication powered by Ai for specially disable

screen and tools for the application:

```
const textarea = document.querySelector("textarea"),
voiceList = document.querySelector("select"),
speechBtn = document.querySelector("button");

let synth = speechSynthesis,
isSpeaking = true;

voices();

function voices(){
    for(let voice of synth.getVoices()){
        let selected = voice.name === "Google US English" ? "selected" : "";
        let option = `<option value="${voice.name}" ${selected}>${voice.name} (${voice.lang})</option>`;
        voiceList.insertAdjacentHTML("beforeend", option);
    }
}

synth.addEventListener("voiceschanged", voices);

function textToSpeech(text){
    let utterance = new SpeechSynthesisUtterance(text);
    for(let voice of synth.getVoices()){
        if(voice.name === voiceList.value){
            utterance.voice = voice;
        }
    }
    synth.speak(utterance);
}

speechBtn.addEventListener("click", e =>{
    e.preventDefault();
    if(textarea.value !== ""){
        if(!synth.speaking){
```
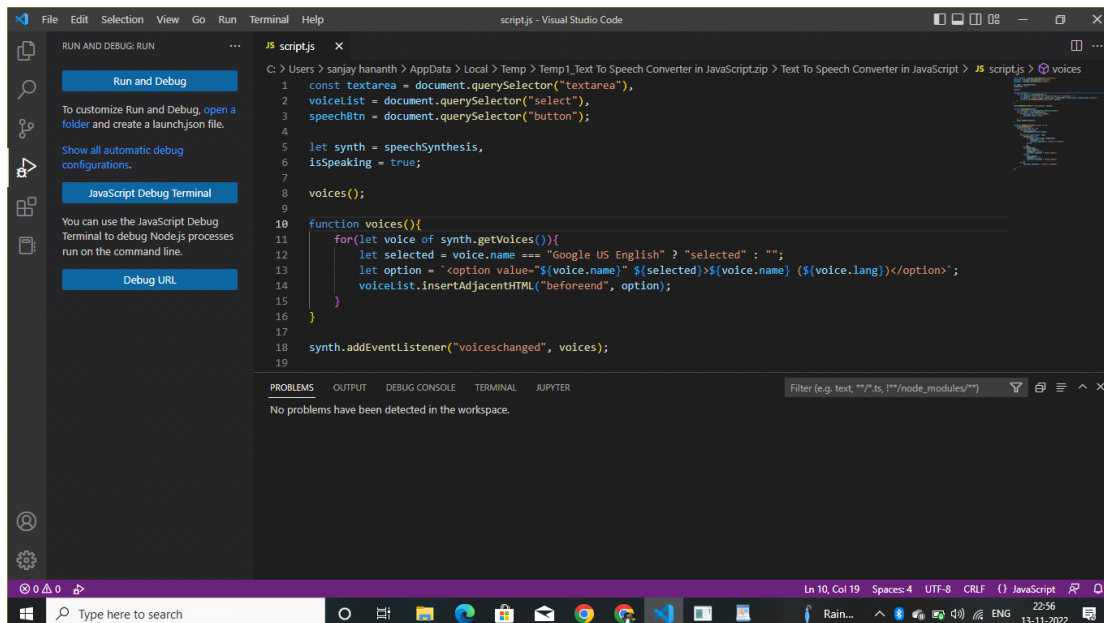
```javascript
        textToSpeech(textarea.value);
    }
    if(textarea.value.length > 80){
        setInterval(()=>{
            if(!synth.speaking && !isSpeaking){
                isSpeaking = true;
                speechBtn.innerText = "Convert To Speech";
            }else{
            }
        }, 500);
        if(isSpeaking){
            synth.resume();
            isSpeaking = false;
            speechBtn.innerText = "Pause Speech";
        }else{
            synth.pause();
            isSpeaking = true;
            speechBtn.innerText = "Resume Speech";
        }
    }else{
        speechBtn.innerText = "Convert To Speech";
    }
  }
});
```

<mark>output:</mark>

```css
/* Import Google Font - Poppins */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600;700&
display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
}
body{
  display: flex;
  align-items: center;
  justify-content: center;
  min-height: 100vh;
  background: #5256AD;
}
::selection{
  color: #fff;
  background: #5256AD;
}
.wrapper{
  width: 370px;
  padding: 25px 30px;
  border-radius: 7px;
  background: #fff;
  box-shadow: 7px 7px 20px rgba(0,0,0,0.05);
}
.wrapper header{
  font-size: 28px;
  font-weight: 500;
  text-align: center;
```
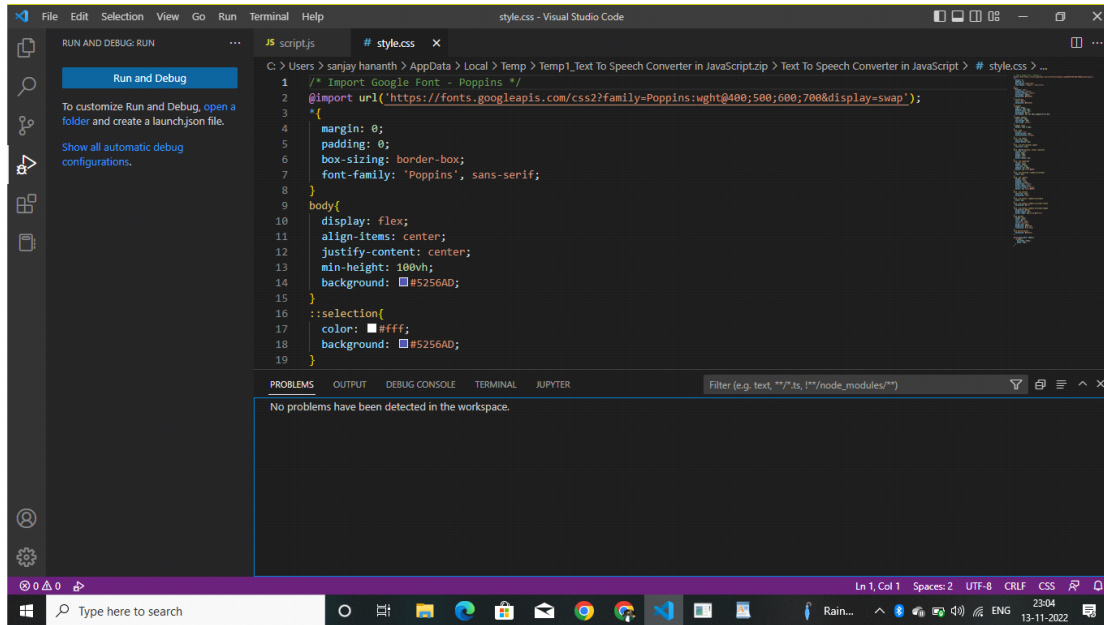
```css
}
.wrapper form{
  margin: 35px 0 20px;
}
form .row{
  display: flex;
  margin-bottom: 20px;
  flex-direction: column;
}
form .row label{
  font-size: 18px;
  margin-bottom: 5px;
}
form .row:nth-child(2) label{
  font-size: 17px;
}
form :where(textarea, select, button){
  outline: none;
  width: 100%;
  height: 100%;
  border: none;
  border-radius: 5px;
}
form .row textarea{
  resize: none;
  height: 110px;
  font-size: 15px;
  padding: 8px 10px;
  border: 1px solid #999;
}
form .row textarea::-webkit-scrollbar{
  width: 0px;
}
form .row .outer{
  height: 47px;
  display: flex;
  padding: 0 10px;
```

```css
    align-items: center;
    border-radius: 5px;
    justify-content: center;
    border: 1px solid #999;
}
form .row select{
    font-size: 14px;
    background: none;
}
form .row select::-webkit-scrollbar{
    width: 8px;
}
form .row select::-webkit-scrollbar-track{
    background: #fff;
}
form .row select::-webkit-scrollbar-thumb{
    background: #888;
    border-radius: 8px;
    border-right: 2px solid #ffffff;
}
form button{
    height: 52px;
    color: #fff;
    font-size: 17px;
    cursor: pointer;
    margin-top: 10px;
    background: #675AFE;
    transition: 0.3s ease;
}
form button:hover{
    background: #4534fe;
}

@media(max-width: 400px){
    .wrapper{
        max-width: 345px;
        width: 100%;
```

```
        }
}
```

==text to speech:==

```html
<!DOCTYPE html>
<!-- Coding By CodingNepal - youtube.com/codingnepal -->
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Text To Speech in JavaScript | CodingNepal</title>
    <link rel="stylesheet" href="style.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <div class="wrapper">
      <header>Text To Speech</header>
      <form action="#">
        <div class="row">
```

```
    <label>Enter Text</label>
    <textarea></textarea>
  </div>
  <div class="row">
    <label>Select Voice</label>
    <div class="outer">
      <select></select>
    </div>
  </div>
  <button>Convert To Speech</button>
</form>
</div>

<script src="script.js"></script>

</body>
</html>
```