

1. Design a Simple Web Interface:

- You can create a basic web interface using HTML, CSS, and JavaScript.
- Include an "Upload" button that allows users to select and upload images.
- Display the uploaded image to the users.
- Use JavaScript to make an API request to IBM Visual Recognition to analyze the image and retrieve captions.

```
<!DOCTYPE html>
<html>
<head>
  <title>Image Caption Generator</
title>
</head>
<body>
  <h1>Image Caption Generator</h1>

  <input type="file" id="upload"
accept="image/*">
  <img id="uploaded-image" src=""
alt="Uploaded Image">

  <button
id="generate-caption">Generate
Caption</button>

  <div id="caption-result">
    <!-- Captions will be
displayed here -->
  </div>

  <script>
    // JavaScript to handle image
upload and API requests

document.getElementById('generate-cap
tion').addEventListener('click',
function() {
    // Add your API request
code here
  });
</script>
</body>
</html>
```



You'll need to use JavaScript to send the uploaded image to the Visual Recognition service and display the generated captions on the web page. This code is a starting point, and you'll need to implement the API request and response handling. You should also ensure the security of your API keys in your web application.

Additionally, you can style the interface using CSS to make it visually appealing.