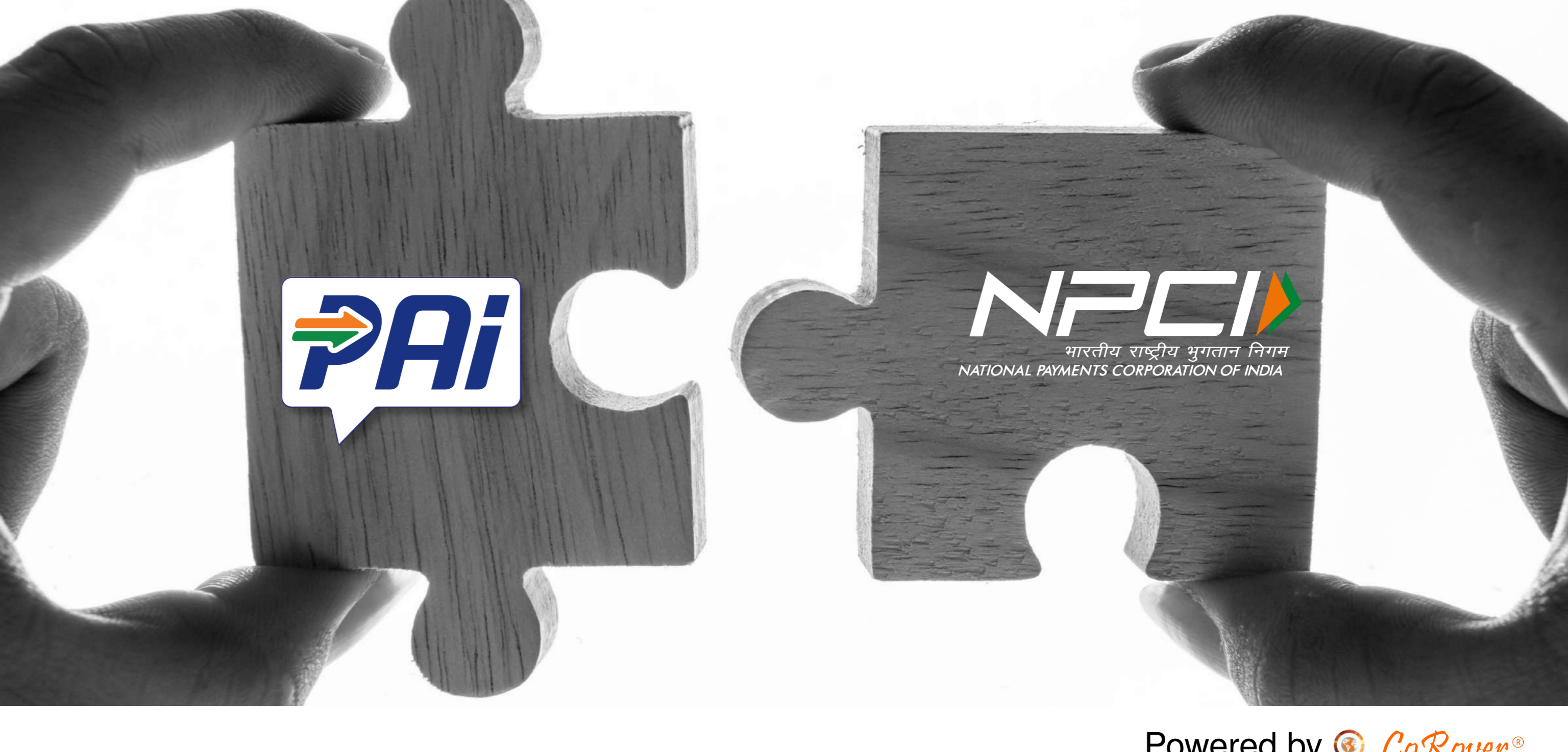
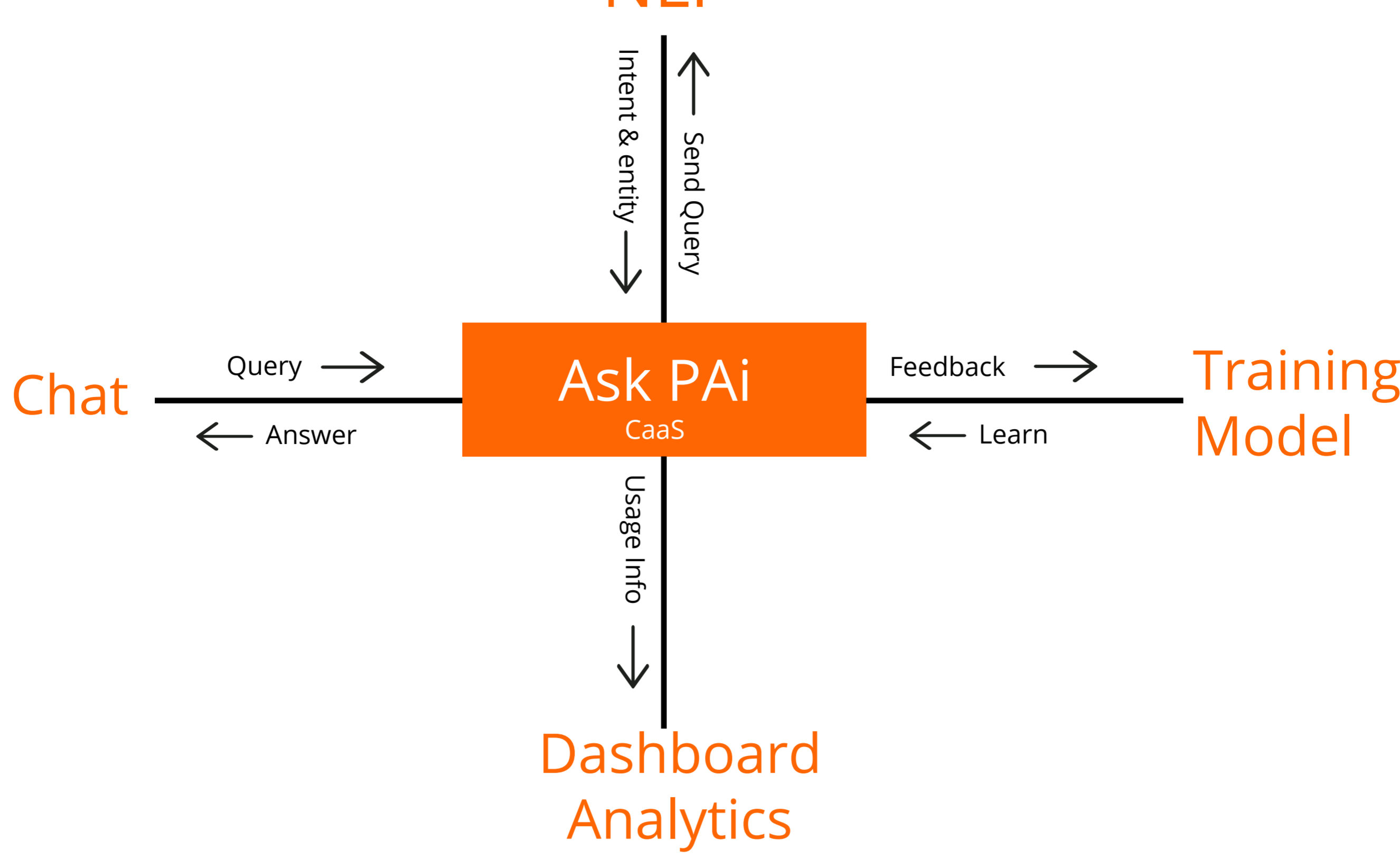


ChatBot Integration Document



Powered by CoRover

System Flow Diagram



Ask PAI Integration

SPA (Single Page Application)

```

<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8" />
<title>Document</title>
<!-- CDN -->
<!-- Stylesheets -->
<link rel="stylesheet" href="style.css" />
</head>
<body>
<!-- Content -->
</body>
</html>
    
```

If you are using Framework like Angular and React you have to add CDN only once in your index.html before </body> as it's globally for all child Components

CDN:

```

<script>
var s = document.createElement('script');
s.src = "https://npci.corover.mobi/widget/res/chatbotlib.min.js";
s.type = "text/javascript";
document.getElementsByTagName('head')[0].appendChild(s);
</script>
    
```

When working with standard HTML, CSS & JS include CDNs in all Parent and Child HTML pages

Example :

```

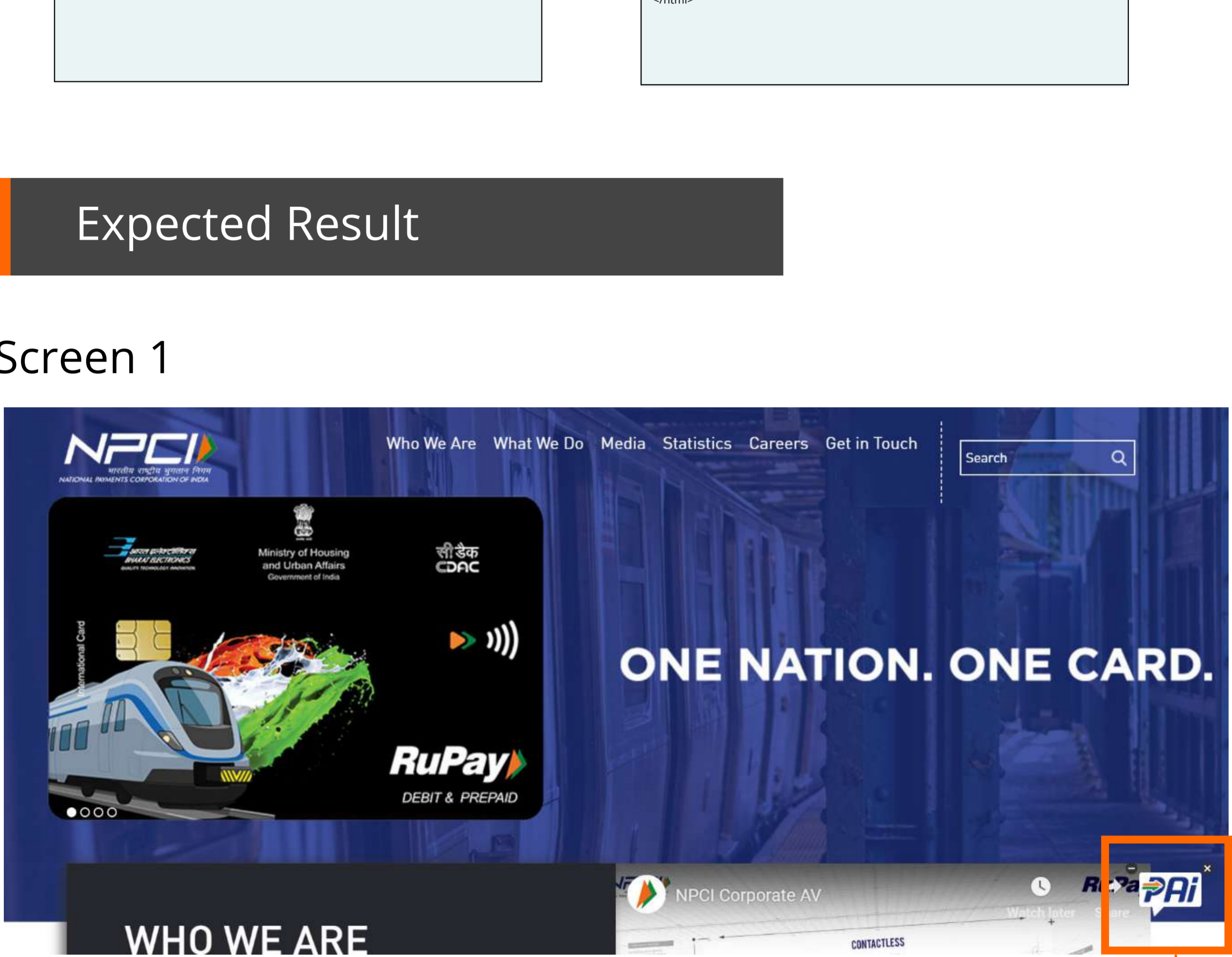
Home.html
<!-- Content -->
<script>
var s = document.createElement('script');
s.src = "https://npci.corover.mobi/widget/res/chatbotlib.min.js";
s.type = "text/javascript";
document.getElementsByTagName('head')[0].appendChild(s);
</script>
    
```

```

Services.html
<!-- Content -->
<script>
var s = document.createElement('script');
s.src = "https://npci.corover.mobi/widget/res/chatbotlib.min.js";
s.type = "text/javascript";
document.getElementsByTagName('head')[0].appendChild(s);
</script>
    
```

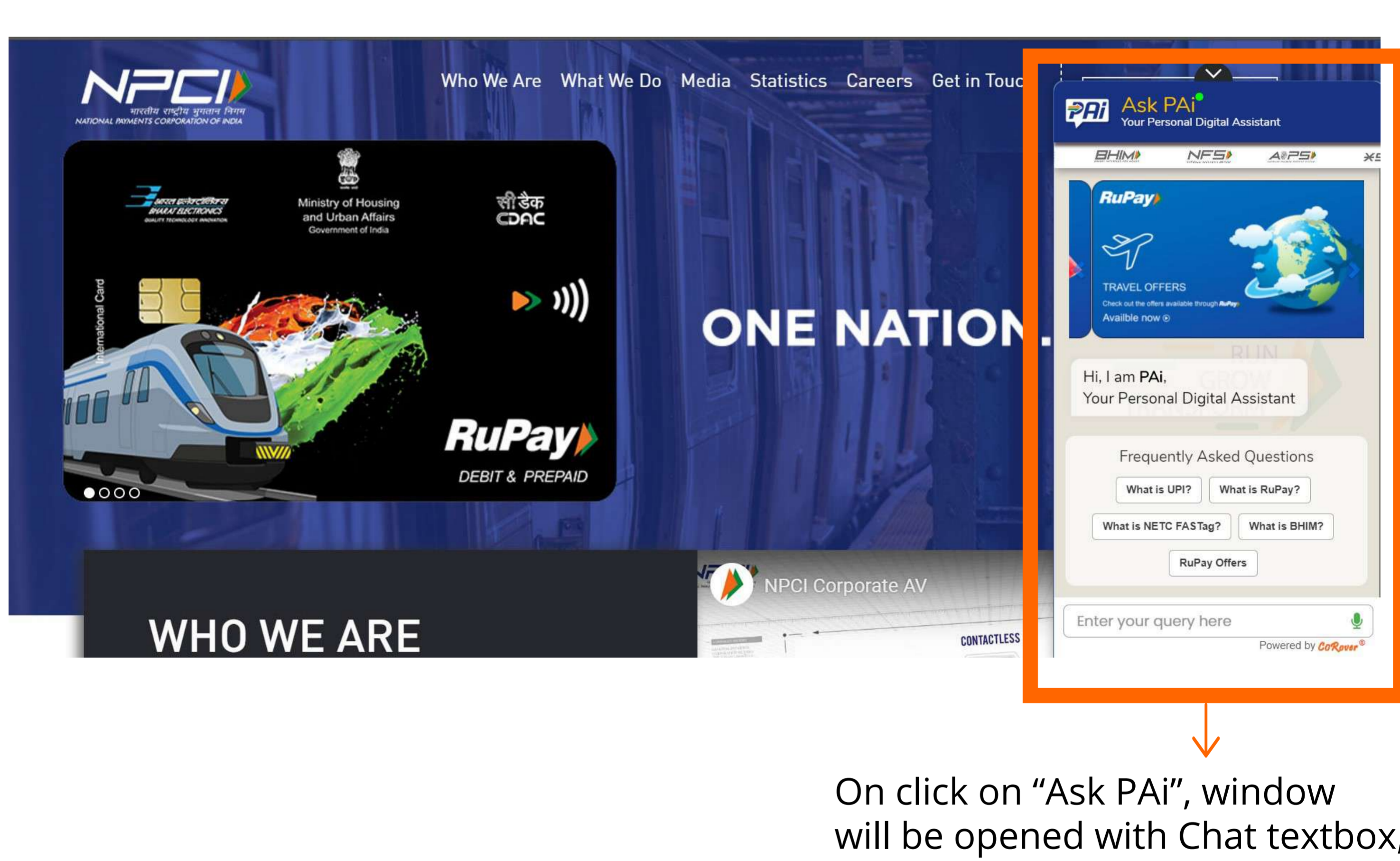
Expected Result

Screen 1



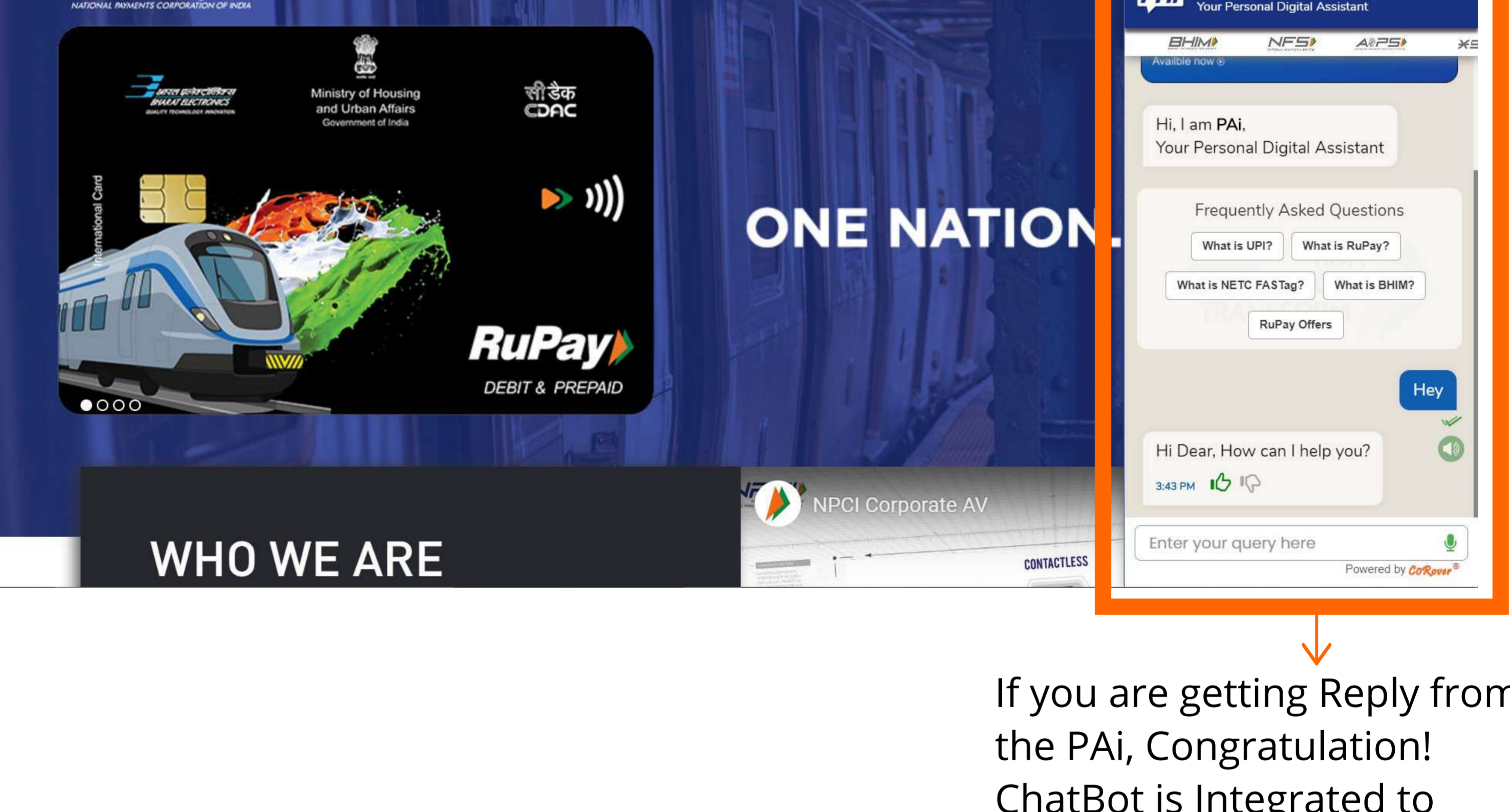
Ask PAI Avatar will appear in Right Bottom of your Screen with two button (minimize and Remove)

Screen 2



On click on "Ask PAI", window will be opened with Chat textbox, Speaker & Mic.

Screen 3



If you are getting Reply from the PAI, Congratulation! ChatBot is Integrated to your website

Native (Mobile App) Integration

JAVA WEBVIEW

```
myWebView.loadUrl("https://npci.corover.mobi?channel=android")
```

Java Webview References :

<https://developer.android.com/guide/webapps/webview#java>

KOTLIN WEBVIEW

```
myWebView.loadUrl("https://npci.corover.mobi?channel=android");
```

Kotlin Webview References:

<https://developer.android.com/guide/webapps/webview#kotlin>

REACT NATIVE WEBVIEW

```
source={{uri: 'https://npci.corover.mobi?channel=android'}}
```

React Native Webview:

<https://facebook.github.io/react-native/docs/webview.html>

SWIFT(iOS) WEBVIEW

```
Load URL: https://npci.corover.mobi?channel=ios
```

Swift Webview Reference:

<https://developer.apple.com/documentation/uikit/uiwebview>

MIC permission provide example:

Below is the code required for audio permission:

- In manifest <uses-permission android:name="android.permission.RECORD_AUDIO" /> add this permission
- Below is the code for webview settings

Webview Settings Code

```

webView.setWebChromeClient(new WebChromeClient() {
    @RequiresApi(api = Build.VERSION_CODES.LOLLIPOP)
    @Override
    public void onPermissionRequest(final PermissionRequest request) {
        myRequest = request;
        for (String permission : request.getResources()) {
            switch (permission) {
                case "android.webkit.resource.AUDIO_CAPTURE": {
                    askForPermission(request.getOrigin().toString(), Manifest.permission.RECORD_AUDIO, MY_PERMISSIONS_REQUEST_RECORD_AUDIO);
                    break;
                }
            }
        }
    }
});
    
```

Method for checking if the permission is already enabled

```

public void askForPermission(String origin, String permission, int requestCode) {
    if (ContextCompat.checkSelfPermission(getApplicationContext(), permission)
        != PackageManager.PERMISSION_GRANTED) {
        if (ActivityCompat.shouldShowRequestPermissionRationale(WebviewActivity.this, permission)) {
        } else {
            ActivityCompat.requestPermissions(WebviewActivity.this, new String[] {permission}, requestCode);
        }
    } else {
        myRequest.grant(myRequest.getResources());
    }
}
    
```

enabling the permission request

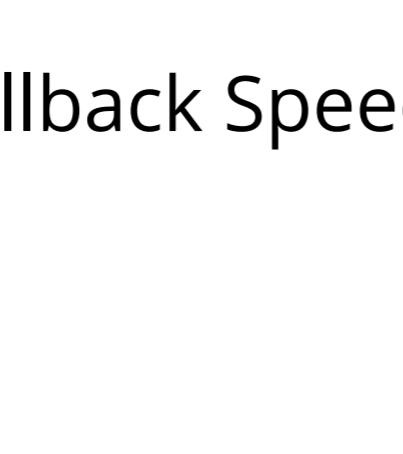
```

@Override
public void onRequestPermissionsResult(int requestCode, String[] permissions, int[] grantResults) {
    switch (requestCode) {
        case MY_PERMISSIONS_REQUEST_RECORD_AUDIO: {
            Log.d("Webview", "PERMISSION FOR AUDIO");
            if (grantResults.length > 0
                && grantResults[0] == PackageManager.PERMISSION_GRANTED) {
                myRequest.grant(myRequest.getResources());
            } else {
            }
        }
    }
}
    
```

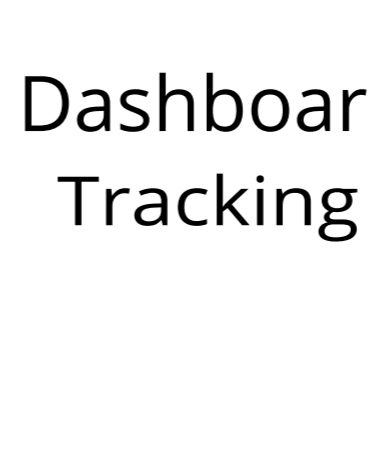
Features Integrated



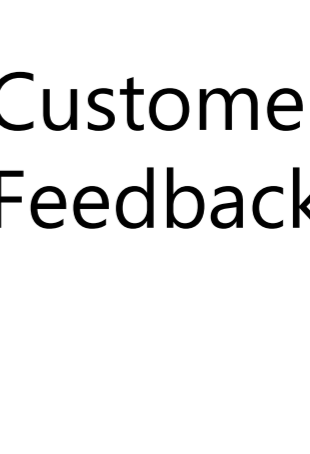
Voice Recognition



Callback Speech



Dashboard Tracking



Customer Feedback