**BIAL PROJECT DEPLOY and HOST GUIDE DOCUMENT**

**Frontend Application Configuration:**

1. Configure REACT\_APP\_BACKEND\_URL configuration in .env file

Ex: REACT\_APP\_BACKEND\_URL=http://blrairportbusiness.com

2)Add homepage tag with web site URL in package.json file

**Ex:** "homepage": “<http://blrairportbusiness.com/>”

3)Configure backend URL in “src/utils.js” file

**Ex:** backend\_url = 'http://blrairportbusiness.com'

**Application Install and Run Commands:**

1. npm install
2. npm run build

**Backend Application Configuration:**

1. Configure all required Azure and DB configuration in .env file
2. Add MySQL SSL Certificate file inside database directory
3. Configure MySQL SSL inside index.js file of database directory

**Ex:**

ssl: true,

dialectOptions: {

ssl: {

ca: fs.readFileSync(\_\_dirname + '/DigiCertGlobalRootCA.crt.pem'), //file path

},

},

1. Frontend application build files copy and paste into public folder

**Configure Nginx Setup**

**Ex:**

# Default server configuration

#

server {

listen 443 ssl default\_server;

listen [::]:443 ssl default\_server;

root /var/www/html;

# Add index.php to the list if you are using PHP

index index.html index.htm index.nginx-debian.html;

server\_name \_;

ssl\_certificate /etc/nginx/ssl/star\_blrairportbusiness\_com.crt;

ssl\_certificate\_key /etc/nginx/ssl/star\_blrairportbusiness\_com.key;

location / {

#try\_files $uri $uri/ =404;

proxy\_set\_header x-Forwarded-For $remote\_addr;

proxy\_set\_header Host $http\_host;

proxy\_pass http://127.0.0.1:5000;

}

}

server {

listen 80;

listen [::]:80;

server\_name \_;

return 301 https://blrairportbusiness.com;

}

**Enable CORS in Azure Blob Storage for your website**

**Ex:**

1)Access the Azure portal (https://portal.azure.com/) and log in with your Azure credentials.

2)Navigate to your Storage account that hosts the Blob Storage container (in this case, bial.blob.core.windows.net).

3)In the left-hand menu, under "Settings," click on "CORS."

4)On the CORS settings page, you can define the rules for allowing cross-origin requests. The rules define the allowed origins, HTTP methods, headers, and max age for preflight requests.

5)To enable access from http://4.213.68.92:5000, add the following rule:

Allowed Origins: http://4.213.68.92:5000 (and http://blrairportbusiness.com:5000)

Allowed Methods: Choose the appropriate HTTP methods you want to allow, like GET, PUT, POST, etc. You can use \* to allow all methods.

**Application Install and Run Commands:**

1. npm install
2. pm2 start start.js