**BROKEN ARROW API Design**

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1. **Login API:**

**Request Parameters**

<http://10.113.59.147:8085/Broken_Arrow_App/login/>

**HTTP Method: POST**

**Header Parameters:**

**Content-Type: application/json**

**POST Data (Raw Payload in JSON format)**

{

"username":"battula.krishna@subex.com",

"password":"battula.krishna@subex.com",

"device\_id": "10s92092",

"os\_type":"Andriod"

}

**Response from API:**

**Response Format: JSON**

**If correct login Credentials are passed.**

{

"full\_name": "Battula Sai Krishna ",

"status": true,

"email": "battula.krishna@subex.com",

"message": "Login Successfull",

"all\_region": [

  "APAC",

"EMEA"

],

"all\_product": [

   "RA",

   "FM"

],

"region\_product\_risk": [

{

"region": "APAC",

"product": "RA",

"color": "Red"

}

,

{

"region": "EMEA",

"product": "FM",

"color": "Green"

}

,

{

"region": "EMEA",

"product": "RA",

"color": "Red"

}

],

}

**If Incorrect login credentials are passed.**

{

"full\_name": null,

"status": false,

"email": null,

"message": "Incorrect Username/Password",

"all\_region": [],

"all\_product": [],

"region\_product\_risk": [],

}

1. **Sites which are at risky State API:**

**Request Parameters**

<http://10.113.59.147:8085/Broken_Arrow_App/customers>

**HTTP Method: POST**

**Header Parameters:**

**Content-Type: application/json**

**POST Data (Raw Payload in JSON format)**

{

"product":"**'RA','PS'**",

"region":"**'EMEA'**"

}

**Response from API:**

**Response Format: JSON**

[

{

"cust\_id": "DAAGRP-10",

"cust\_name": "Iran",

"region": "EMEA",

"product": "RA",

"overall\_status": "Red",

"risk\_percentage": 100,

"received\_date": "10-Apr-17",

"ack\_by": "Vaibhav",

"ack\_date": "10-Apr-17",

"eta\_duration": "30",

"issue\_running\_since": "20"

}

,

{

"cust\_id": "MTNGRP-10",

"cust\_name": "MTN Zambia",

"region": "APAC",

"product": "RA",

"overall\_status": "Red",

"risk\_percentage": 80,

"received\_date": "10-Apr-17",

"ack\_by": "Sai",

"ack\_date": "10-Apr-17",

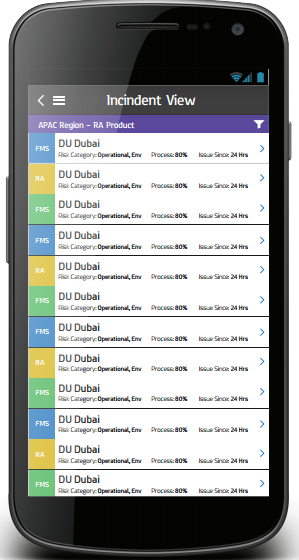
"eta\_duration": "30",

"issue\_running\_since": "20"

}

]

**APP Screen:**



1. **Customer Search API:**

**Request Parameters**

<http://10.113.59.147:8085/Broken_Arrow_App/customerslist>

**HTTP Method: POST**

**Response from API:**

**Response Format: JSON**

[

  "MTN Zambia",

  "Jawwal",

  "Iran"

]

1. **Homepage Updation based on Region and Product Filter API:**

**Request Parameters**

<http://10.113.59.147:8085/Broken_Arrow_App/homepage>

**HTTP Method: POST**

**Header Parameters:**

**Content-Type: application/json**

**POST Data (Raw Payload in JSON format)**

{

"product":"**'RA','PS'**",

"region":"**'EMEA'**"

}

**Response from API:**

**Response Format: JSON**

[

{

"region": "EMEA",

"product": "FM",

"color": "Green"

}

,

{

"region": "EMEA",

"product": "RA",

"color": "Red"

}

]

**APP Screen:**

