

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": "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": []
}

```

2) 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

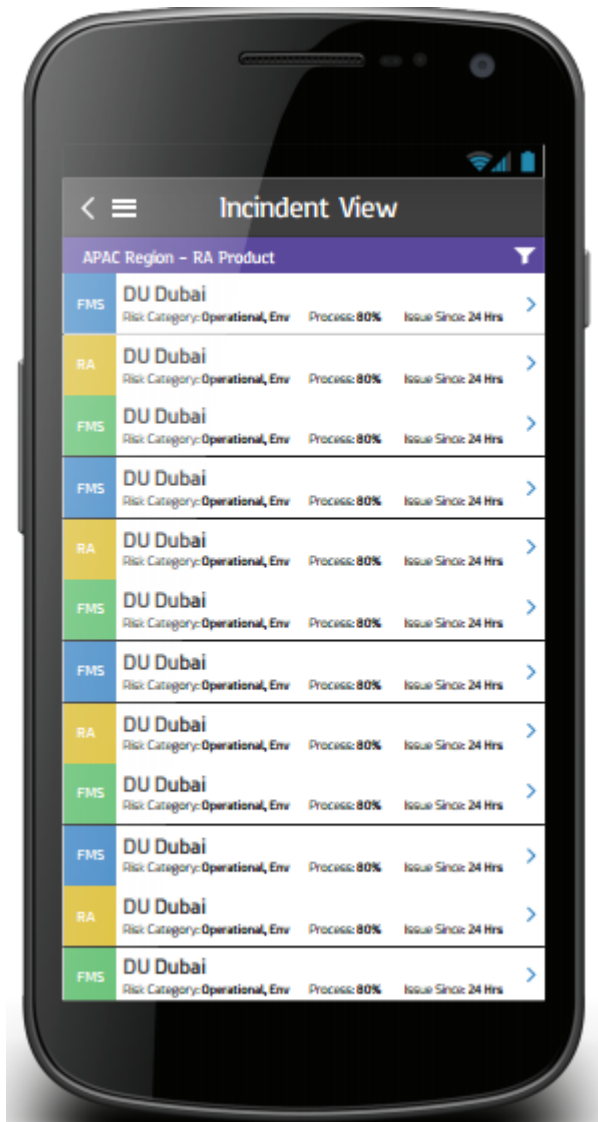
```

[
    {
        "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:



3) 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"
]
```

4) 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:

