

# **7c Report**

## **Source Files :**

### **Folders:**

<Config>/config.php  
<Config>/database.php  
<Config>/masterkey.txt  
<Forms>/7c\_report\_form.php  
<Forms>/ap\_form.php  
<Forms>/create\_new\_form.php  
<Forms>/view\_records\_form.php  
<Forms>/view\_report\_form.php  
<Reports> This folder hold reports in id folder.

### **Files:**

1. 7cReport.php
2. AP.php
3. ViewRecords.php
4. ViewReport.php
5. Createnew.php
6. Functions.php
7. Log files.

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### **7cReport.php**

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- **Initial authentication : Check mandatory fields (PrivateKey, Passcode, PhoneNumber).**
- **Authenticate Lab Pass Key : If It is valid go forward otherwise generate error.**
- **Authenticate Lab Auth : If Lab ID and IP is valid go forward otherwise generate error.**
- **Not Empty (PatientName, PhoneNumber, Email) : Check Patient and then add patient.**
- **Not Empty (PhoneNumber, Email) : Check Patient and then add.**
- **Not Empty ( PhoneNumber) : Check Patient and then add.**
- **Not Empty (PatientName, PhoneNumber) : Check Patient and then add.**
- **If upload without email Id then warning generate "Document uploaded with no Email".**

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### **AP.php**

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- **Initial authentication : Check mandatory fields (PrivateKey, Passcode).**
- **Authentication IP : Check IP if IP is valid then go forward otherwise generate error.**
- **Authentication File : If uploaded file valid (document will be authenticated only from authenticated IP) then its store <reports> folder in specific ID folder.**
- **Add Report Name : Adding an entry in report table.**

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### **ViewRecords.php**

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- **Initial authentication : Check mandatory fields (Phone,Passcode,MasterKey).**
- **Condition : In this system the key for a report is phone + name + email. Any 1 value of these three can be a key.**
- **phone + name + email : status true and return data.**
- **phone + email : status true and return data.**
- **phone + name : status true and return data.**
- **Only name : status false and generate error.**
- **Matching combination : It must with all mandatory fields. Only name will not consider.**

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### **ViewReport.php**

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- **Initial authentication : Check mandatory fields (Phone,Passcode,MasterKey).**
- **Condition : In this system the key for a report is phone + name + email. Any 1 value of these three can be a key.**
- **phone + name + email : status true and return data.**
- **phone + email : status true and return data.**
- **phone + name : status true and return data.**
- **Only name : status false and generate error.**
- **Matching combination : It must with all mandatory fields. Only name will not consider.**

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## Createnew.php

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- **Initial authentication : Check mandatory fields (LabName,LabPhone,Contact Person Name,Passcode,MasterKey).**
- **Check Lab : If lab exist its return false and generate error.**
- **New Lab Name + Existing Phone + Person Name : return status true.**
- **Exiting Lab Name + New Phone + Existing Person Name : return status true.**
- **Exiting Lab Name + Phone + New Person Name : return status false.**
- **New Lab Name + Phone + Wrong Master Key : return status false.**
- **If Lab Name or Lab Phone is new with correct masterkey data will be inserted.**

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## Functions.php

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- **This file contains all the functions which we use in this system .**

- AddPatient(\$data)
- AddReportName(\$report\_name, \$report\_type\_id, \$lab\_id)
- AddReportType(\$patient\_id, \$document, \$file\_hash)
- AuthLab(\$data)
- CheckLab(\$data)
- CheckLabAuth(\$lab\_id, \$ip):boolean
- CheckLabPassKey(\$data):boolean
- CheckPatient(\$p\_name, \$phone, \$email)
- CheckReportByPatientId(\$patient\_id, \$file\_hash):boolean
- GetMasterKey()
- InsertLab(\$data)
- arr\_print(\$arr)
- folder\_exist(\$folder)
- getAllPatients()
- getReportById(\$p\_id)
- getRows(\$data):boolean
- selectPage(\$slug)

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## **Log Files**

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- **This file contains all the action logs with few essential information such as date, status, action etc.**
- **It will generate every day with the name of date.**
- **It is text file and will generate automatically whenever any operation will perform in our system.**