Design Documentation of
PHP Script for Uploading Users

Created for Catalyst IT Australia

by Dinesha Dayananda

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Revision History

Modified By	Date	Version	Change
Dinesha Dayananda	09-01-2022	0.1	Initial Draft
Dinesha Dayananda	11-01-2022	0.2	Added flowcharts

Overview

This Design document for the PHP script to upload users includes the flowchart of the entire process that is supported by the script. The flowchart is broken down to two main sub processes to make it more readable.

The two main processes are:

1.When the CSV file is not provided to the PHP script

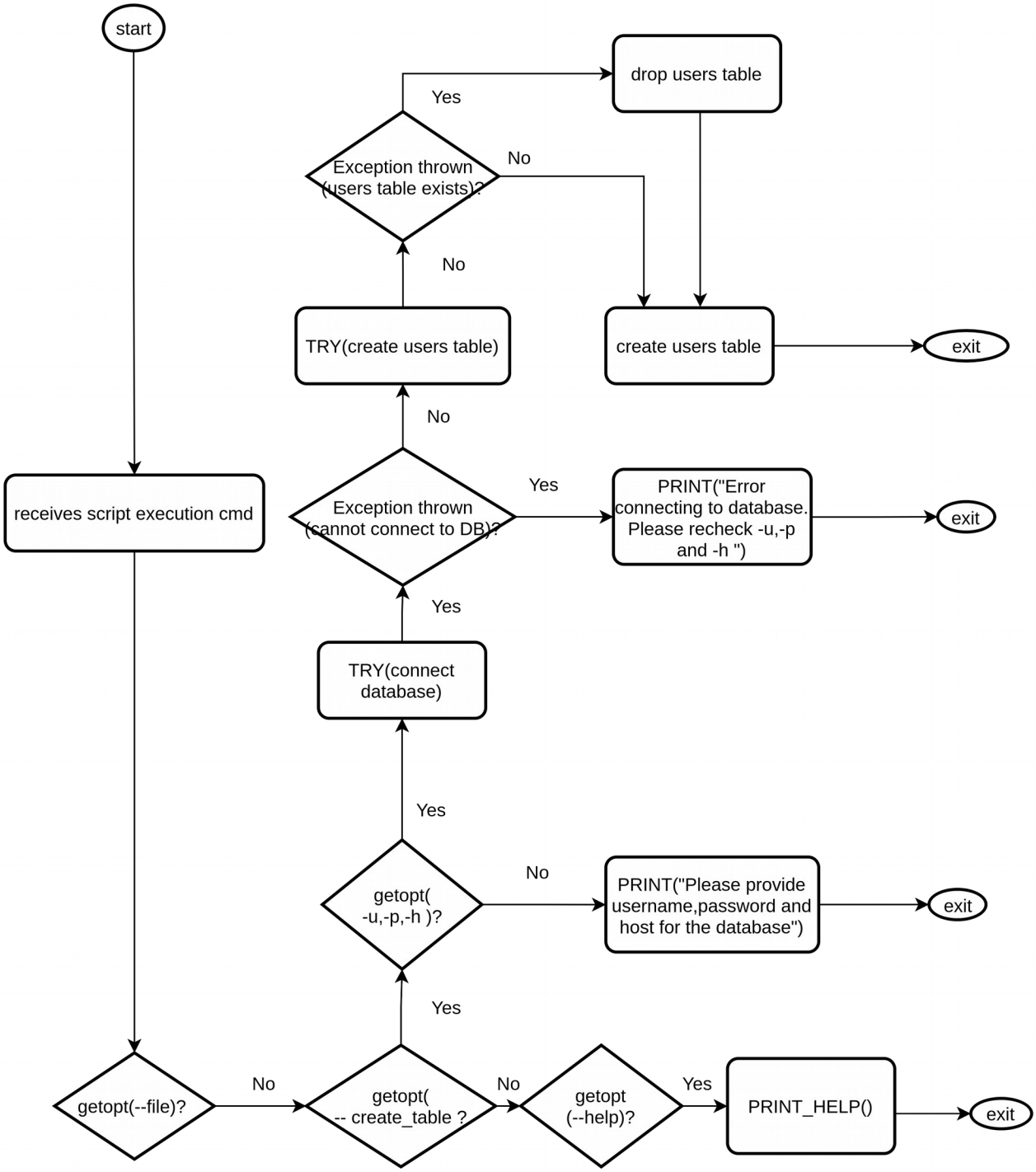
2.When the CSV file is provided as an option to the PHP script.

Assumptions

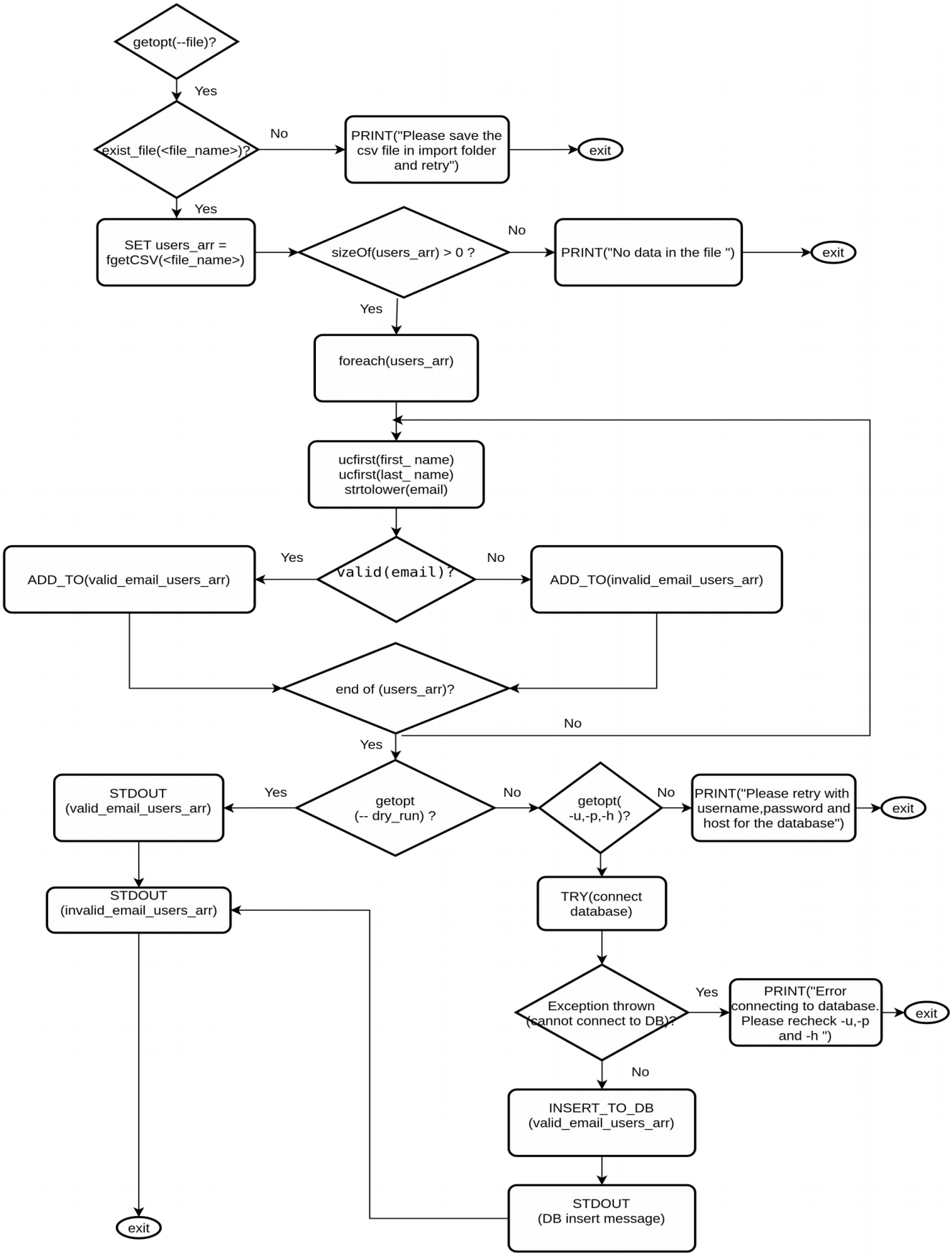
1.It is assumed that the user has already created the database ‘user_details’

Flowcharts

When the CSV file is *not* provided as an option to the PHP script



When the CSV file is provided to the PHP script



Pseudocode for the PHP Script

```
IF  notset (--file ) THEN
 *  IF  isset (--create_table ) THEN
 *      IF  isset (-h AND -u AND -p ) THEN
 *           create_users_table(h,u,p)
 *      ELSE
 *          print("Please retry with username,password and host for the
database")
 *      ENDIF
 *  ENDIF
 *  IF isset (--help )
 *       print_help_message()
 *  ENDIF
 * ELSE
 *  IF exist(filename)
 *      set users_array = get_csv_to_array(filename)
 *      IF sizeof(users_array) > 0
 *          FOREACH(users_array)
 *              ucfirst(first_name)
 *              ucfirst(last_name)
 *              strtolower(email)
 *              IF (valid email)
 *                  add to (valid_email_users_array)
 *              ELSE
 *                  add to (invalid_email_users_array)
 *              ENDIF
 *          END FOREACH
 *          IF notset(--dry_run)
 *              insert_to_db(h,u,p,valid_email_users_array)
 *          ENDIF
 *          print_valid_email_users_array
 *          print_invalid_email_users_array
 *      ELSE
 *          print("No user data in the file");
 *      ENDIF
 *  ELSE
 *      print("Please save the csv file in import folder and retry.")
 *  ENDIF
```