```php
<?php

/*
  Fichier: function.php
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  Date: 15/06/2016
  Version:1.10
  Description: Contient les différentes fonctions de traitement
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 */

require_once './phpScript/mysql.inc.php';

/**
 * Créé un pointeur sur la base
 * @staticvar type $dbc
 * @return PDO
 */
function &myDatabase() {
    static $dbc = null;

    if ($dbc == null) {
        try {
            $dbc = new PDO('mysql:host=' . DB_HOST . ';dbname=' . DB_NAME, DB_USER, DB_PASSWORD, array(PDO::MYSQL_ATTR_INIT_COMMAND => "SET NAMES utf8", PDO::ATTR_PERSISTENT => true));
        } catch (Exception $e) {
            echo 'Erreur : ' . $e->getMessage() . '<br />';
            echo 'N : ' . $e->getCode();
            die('Could not connect to MySQL');
        }
    }
    return $dbc;
}


//Gestion des Utilisateurs

/**
 * Ajoute une adresse dans la base
 * @staticvar type $ps_adress
 * @staticvar type $ps_id
 * @param string $country
 * @param string $city
 * @param string $street
 * @return int  => le dernier id ajouté dans la base
 */
function addAddress($country, $city, $street) {

    //Prepared statements
    static $ps_adress = null;
    static $ps_id = null;

    //query
    $sql_adress = 'insert into adress (adress.city,adress.street,adress.country_iso) values (:city,:street,:iso);';

    if ($ps_adress == null) {
        $ps_adress = myDatabase()->prepare($sql_adress);
    }
    if ($ps_id == null) {
        $ps_id = myDatabase()->prepare('SELECT LAST_INSERT_ID()');
    }

    try {
        $ps_adress->bindParam(':city', $city, PDO::PARAM_STR);
        $ps_adress->bindParam(':street', $street, PDO::PARAM_STR);
        $ps_adress->bindParam(':iso', $country, PDO::PARAM_STR);
        $ps_adress->execute();

        $ps_id->execute();
        $last_id = $ps_id->fetchAll(PDO::FETCH_NUM);

        return $last_id[0][0];
    } catch (PDOException $e) {
        $isok = null;
    }
    return $isok;
}

/**
 * Insere un nouvel utilisateur dans la base de données
 * @param string $lastName    Le nom de famille
 * @param string $firstName   Le prénom
 * @param string $gender      Le genre
 * @param string $mail        Le email
 * @param string $pwd         Le mot de passe pas encore crypté
 * @param string $phone       Le numero de telephone
 * @param string $country     Le code ISO du pays
 * @param string $city        Le nom de la ville
 * @param string $street      Le nom de la rue
 * @param int $image          L'id de l'image
 * @return boolean  True si correctement ajouté, autrement False.
 */
function insertUser($lastName, $firstName, $gender, $mail, $pwd, $phone, $country, $city, $street, $image = DEFAULT_IMAGE_ID) {

    //Prepared statements
    static $ps_user = null;

    //Query
    $sql_user = 'insert into users (users.firstname,users.lastname,users.gender,users.mail,users.phone,users.banned,users.password,users.id_Images,users.id_Adress, users.privilege) values (:firstname,:lastname,:gender,:mail,:phone,0,:password,:idimage,:idadress, :privilege);';

    if ($ps_user == null) {
        $ps_user = myDatabase()->prepare($sql_user);
    }

    //ajout et récuperation de l'identifiant de l'adresse
    $id_adress = intval(addAddress($country, $city, $street));

    //cryptage du mot de passe
    $pwd_sha1 = sha1($pwd);

    $priv = PRIV_USER;

    try {

        $ps_user->bindParam(':firstname', $firstName, PDO::PARAM_STR);
        $ps_user->bindParam(':lastname', $lastName, PDO::PARAM_STR);
        $ps_user->bindParam(':gender', $gender, PDO::PARAM_INT);
        $ps_user->bindParam(':mail', $mail, PDO::PARAM_STR);
        $ps_user->bindParam(':phone', $phone, PDO::PARAM_STR);
        $ps_user->bindParam(':password', $pwd_sha1, PDO::PARAM_STR);
        $ps_user->bindParam(':idimage', $image, PDO::PARAM_INT);
        $ps_user->bindParam(':idadress', $id_adress, PDO::PARAM_INT);
        $ps_user->bindParam(':privilege', $priv, PDO::PARAM_INT);

        $isok = $ps_user->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Verification des identifiants de l'utilisateur
 * @staticvar type $ps
 * @param string $mail      L'adresse email
 * @param string $pwd       Le mot de passe pas encore crypté
 * @return boolean
 */
function login($mail, $pwd) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'select users.id, users.password from users where users.mail = :mail';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    //cryptage du mot de passe
    $pwd_sha1 = sha1($pwd);

    try {
        $ps->bindParam(':mail', $mail, PDO::PARAM_STR);
        $isok = $ps->execute();
        $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
        if (isset($isok[0])) {
            if ($isok[0]['password'] == $pwd_sha1) {
                $isok = intval($isok[0]['id']);
            } else {
                $isok = FALSE;
            }
        } else {
            $isok = FALSE;
        }
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Deconnecte l'utilisateur
 */
function logOut() {
    destroySession();
    header('Location: index.php');
}

/**
 * Retourne un tableau avec les infos de l'utilisateur
 * @staticvar type $ps
 * @param int $id   Id de l'utilisateur
 * @return Array    Tableau associatif contenant les données de l'utilisateur
 */
function getUserInfo($id) {
    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'select * from user_info where user_info.id = :id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $id, PDO::PARAM_INT);

        $isok = $ps->execute();
        $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
        $isok = $isok[0];
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Inverse l'etat de bannissement de l'utilisateur
 * @staticvar type $ps
 * @param int $uid      Identifiant de l'utilisateur
 * @return boolean
 */
function banUnbanUser($uid) {
    $banstate = getUserInfo($uid)['banned'];
    $finalestate = ($banstate == "0") ? 1 : 0;

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'UPDATE `users` SET `banned` = :ban WHERE `id` = :id';
    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }
    try {
        $ps->bindParam(':ban', $finalestate, PDO::PARAM_INT);
        $ps->bindParam(':id', $uid, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Modifie les informations de l'utilisateur
 * @staticvar type $ps
 * @param string $lastName      Nom de l'utilisateur
 * @param string $firstName     Prenom de l'utilisateur
 * @param Bool $gender          Genre de l'utilisateur (0 pour Femme et 1 pour Homme)
 * @param string $mail          Email de l'utilisateur
 * @param string $phone         Numero de telephone de l'utilisateur
 * @param int $id               Identifiant d el'utilisateur
 * @return boolean
 */
function updateUserInfo($lastName, $firstName, $gender, $mail, $phone, $id) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = "update users set users.firstname = :firstname ,users.lastname = :lastname ,users.gender = :gender ,users.mail = :mail ,users.phone = :phone where users.id = :id";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':firstname', $firstName, PDO::PARAM_STR);
        $ps->bindParam(':lastname', $lastName, PDO::PARAM_STR);
        $ps->bindParam(':gender', $gender, PDO::PARAM_INT);
        $ps->bindParam(':mail', $mail, PDO::PARAM_STR);
        $ps->bindParam(':phone', $phone, PDO::PARAM_STR);

        $ps->bindParam(':id', $id, PDO::PARAM_INT);

        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

```

```php
/**
 * Modifie le chemin de l'avatar de l'utilisateur
 * @staticvar type $ps
 * @param int $id
 * @param type $path
 * @return boolean
 */
function updateUserImage($id, $path) {
    static $ps = null;

    $sql = "update images set images.path = :path where images.id = :id";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps_user->bindParam(':path', $city, PDO::PARAM_STR);
        $ps_user->bindParam(':id', $id, PDO::PARAM_INT);

        $isok = $ps_user->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Modifie l'adresse d'un utilisateur
 * @staticvar type $ps
 * @param int $id                   Identifiant de l'utilisateur
 * @param string $countryiso        Code ISO du pays
 * @param string $city              Nom de la ville
 * @param string $street            Nom de la rue
 * @return boolean
 */
function updateUserAdress($id, $countryiso, $city, $street) {

    //Prepared stateent
    static $ps = null;

    //Query
    $sql = "update adress set adress.city = :city ,adress.street = :street ,adress.country_iso = :iso where adress.id = :id";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {

        $ps->bindParam(':city', $city, PDO::PARAM_STR);
        $ps->bindParam(':street', $street, PDO::PARAM_STR);
        $ps->bindParam(':iso', $countryiso, PDO::PARAM_STR);
        $ps->bindParam(':id', $id, PDO::PARAM_INT);

        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Retourne un tableau avec tous les utilisateurs
 * @staticvar type $ps
 * @return array        Tableau associatif contenant tous les utilisateurs
 */
function getAllUser() {
    static $ps = null;

    $sql = "SELECT id, firstname as Prenom,lastname as Nom,mail, banned as Bannis FROM user_info WHERE privilege=1;";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Modifie l'id de l'image d'un utilisateur avec un id donné
 * @staticvar type $ps
 * @param int $user_id      Identifiant d el'utilisateur
 * @param int $image_id     Identifiant d el'image a attribuer
 * @return boolean
 */
function changeUserImage($user_id, $image_id) {
    static $ps = null;

    $sql = "update users set users.id_Images = :iid where users.id = :uid";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':iid', $image_id, PDO::PARAM_INT);
        $ps->bindParam(':uid', $user_id, PDO::PARAM_INT);

        $isok = $ps->execute();
    } catch (PDOException $ex) {
        $isok = false;
    }

    return $isok;
```

```php
}

/**
 * Récupere tous les pays
 * @staticvar type $ps
 * @return boolean
 */
function getAllCountry() {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'select * from country order by name';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

//Gestion des annonces

/**
 * Insert une nouvelle annonce dans la base de donnée
 * @staticvar type $ps
 * @param string $name          libelle de l'annonce
 * @param string $description   Description de l'annonce
 * @param string $price         Prix de l'annonce
 * @param string $date          Date de creation de l'annonce
 * @param string $uid           Identifiant du créateur de l'annonce
 * @param bool $mailvisible     Email visible ou non
 * @param bool $phonevisible    Numero de telephone visible ou non
 * @param bool $adressvisible   Adresse visible ou non
 * @return boolean
 */
function insertArticle($name, $description, $price, $date, $uid, $mailvisible, $phonevisible, $adressvisible) {

    //Prepared statements
    static $ps = null;
    static $ps_id = null;

    //Query
    $sql = 'insert into articles (name,description,price,state,creationdate,banned,id_Users,mailvisible,phonevisible,adressvisible) values (:name,:description,:price,1,:date,0,:uid,:mvis,:pvis,:avis)';


    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    if ($ps_id == null) {
        $ps_id = myDatabase()->prepare('SELECT LAST_INSERT_ID()');
    }


    try {
        $ps->bindParam(':name', $name, PDO::PARAM_STR);
        $ps->bindParam(':description', $description, PDO::PARAM_STR);
        $ps->bindParam(':price', $price, PDO::PARAM_STR);
        $ps->bindParam(':date', $date, PDO::PARAM_STR);
        $ps->bindParam(':uid', $uid, PDO::PARAM_INT);
        $ps->bindParam(':mvis', $mailvisible, PDO::PARAM_INT);
        $ps->bindParam(':pvis', $phonevisible, PDO::PARAM_INT);
        $ps->bindParam(':avis', $adressvisible, PDO::PARAM_INT);


        $isok = $ps->execute();

        $ps_id->execute();
        $last_id = $ps_id->fetchAll(PDO::FETCH_NUM);

        return intval($last_id[0][0]);
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Edition des informations d'une annonce
 * @staticvar type $ps
 * @param int $idarticle             Identifiant de l'annonce a editer
 * @param string $name               Libelle del'annonce
 * @param string $description        Description del'annonce
 * @param string $price              Prix de l'annonce
 * @param bool $mailvisible          Email visible ou non
 * @param bool $phonevisible         Numero de telephone visible ou non
 * @param bool $adressvisible        Adresse visible ou non
 * @return boolean
 */
function editArticleInfo($idarticle, $name, $description, $price, $mailvisible, $phonevisible, $adressvisible) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'update articles set name=:name ,description=:description ,price=:price ,mailvisible=:mvis, phonevisible=:pvis ,adressvisible =:avis where id=:id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }
    try {

        $ps->bindParam(':name', $name, PDO::PARAM_STR);
        $ps->bindParam(':description', $description, PDO::PARAM_STR);
        $ps->bindParam(':price', $price, PDO::PARAM_STR);
        $ps->bindParam(':mvis', $mailvisible, PDO::PARAM_INT);
        $ps->bindParam(':pvis', $phonevisible, PDO::PARAM_INT);
        $ps->bindParam(':avis', $adressvisible, PDO::PARAM_INT);
        $ps->bindParam(':id', $idarticle, PDO::PARAM_INT);


        $isok = $ps->execute();

        return $isok;
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Insert une image de l'article dans la base de données
 * @staticvar type $ps
 * @param int $aid      Identifiant de l'article
 * @param int $iid      Identifiant de l'image
 * @return boolean
 */
function insertArticleImage($aid, $iid) {
    //Prepared statement
    static $ps = null;

    //Query
    $sql = "update images set images.id_articles = :articleid where images.id = :imageid";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':articleid', $aid, PDO::PARAM_INT);
        $ps->bindParam(':imageid', $iid, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Retourne les images des articles en fonction de l'id de l'article
 * @staticvar type $ps
 * @param int $idarticle    Identifiant de l'article
 * @return boolean
 */
```

```php
function articleImages($idarticle) {
    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'SELECT id, path FROM images where images.id_articles = :id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $idarticle, PDO::PARAM_INT);
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Ouvre/Ferme un article
 * @staticvar type $ps
 * @param int $aid      Identifiant del'article
 * @return boolean
 */
function openCloseArticle($aid) {
    //Recuperation des infos de l'article
    $banstate = articleInfo($aid)['state'];
    $finalestate = ($banstate == "0") ? 1 : 0;

    //prepared statement
    static $ps = null;

    //Query
    $sql = 'UPDATE `articles` SET `state` = :state WHERE `id` = :id';
    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }
    try {
        $ps->bindParam(':state', $finalestate, PDO::PARAM_INT);
        $ps->bindParam(':id', $aid, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Ban/Unban un article
 * @staticvar type $ps
 * @param int $aid          Identifiant de l'article
 * @return boolean
 */
function banunbanArticle($aid) {
    //Recuperation de l'etat actuel
    $banstate = articleInfo($aid)['banned'];

    //inversement de l'etat
    $finalestate = ($banstate == "0") ? 1 : 0;

    //Prepared statement
    static $ps = null;

    //Query
    $sql = "UPDATE `articles` SET `banned` = :ban WHERE `id` = :id";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }
    try {
        $ps->bindParam(':ban', $finalestate, PDO::PARAM_INT);
        $ps->bindParam(':id', $aid, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Recupere toutes les annonces de la base
 * @staticvar type $ps
 * @return boolean
 */
function getAllArticles() {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'select id, name as Libelle,description,price as Prix,state as Etat,creationdate as "Date de creation",banned as Bannis from articles';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Recupere tous les articles qui sont actif et non bannis
 * @staticvar type $ps
 * @return boolean
 */
function listArticles() {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'SELECT * FROM articles where state = 1 and banned = 0 order by creationdate DESC';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Recupere toutes les annonces d'un utilisateur en particulier
 * @staticvar type $ps
 * @param int $uid         Identifiant dle'utilisateur
 * @return boolean
 */
function getUserArticles($uid) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'SELECT * FROM articles where banned = 0 and articles.id_Users = :id order by creationdate';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $uid, PDO::PARAM_INT);
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Retourne les informations d'un article
 * @staticvar type $ps
```

```php
 * @param int $id       $identifiant de l'article
 * @return boolean
 */
function articleInfo($id) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'select * from articles where id = :id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $id, PDO::PARAM_INT);

        $isok = $ps->execute();
        $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
        $isok = $isok[0];
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Supprime toutes les images d'un article dans la base de donnée
 * @staticvar type $ps
 * @param int $id_article       Identifiant del'article
 */
function deleteArticleImages($id_article) {
    $articleimage = articleImages($id_article);

    foreach ($articleimage as $value) {
        $id = intval($value['id']);
        deleteFile(deleteImageEntry($id));
    }
}

//Gestion des commentaires

/**
 * Ajoute un commentaire dans la base
 * @staticvar type $ps
 * @param int $uid          Identifiant de l'utilisateur
 * @param int $aid          Identifiant de l'article
 * @param string $date      Date du commentaire
 * @param string $com       Texte du commentaire
 * @return boolean
 */
function addComment($uid, $aid, $date, $com) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = "insert into comments (comments.id_Users,comments.id_articles,comments.date_com,comments.comm,comments.state,comments.banned) values (:uid,:aid,:date,:com,1,0)";
    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':uid', $uid, PDO::PARAM_STR);
        $ps->bindParam(':aid', $aid, PDO::PARAM_STR);
        $ps->bindParam(':date', $date, PDO::PARAM_STR);
        $ps->bindParam(':com', $com, PDO::PARAM_STR);

        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }
    return $isok;
}

/**
 * Recupere les commentaires d'une annonce
 * @staticvar type $ps
 * @param int $aid          Identifiant de l'annonce
 * @return boolean
 */
function getArticleComments($aid) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = "select * from comments where id_articles = :id and comments.banned = 0";
    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $aid, PDO::PARAM_INT);
        $isok = $ps->execute();
        $isok = $isok = $ps->fetchAll(PDO::FETCH_ASSOC);
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * met a jour l'etat du commentaire (en attente de moderation ou non)
 * @staticvar type $ps
 * @param int $idcomment        Identifiant du commentaire
 * @param bool $state           Valeur a assigner
 * @return boolean
 */
```

```php
function changeComState($idcomment, $state) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'update comments set comments.state = :state where comments.id = :id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $idcomment, PDO::PARAM_INT);
        $ps->bindParam(':state', $state, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

/**
 * Bannis un commentaire
 * @staticvar type $ps
 * @param int $idcomment        Identifiant du commentaire
 * @return boolean
 */
function banComment($idcomment) {

    //Prepared statement
    static $ps = null;

    //Query
    $sql = 'update comments set comments.banned = 1 where comments.id = :id';

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':id', $idcomment, PDO::PARAM_INT);
        $isok = $ps->execute();
    } catch (PDOException $e) {
        $isok = false;
    }

    return $isok;
}

//Gestion des images

/**
 * Insert une image dans la base de données et retourne son id
 * @staticvar type $ps_image
 * @staticvar type $ps_id
 * @param string $path           Chemin de l'image
 * @param int $idarticle        (a specifier si on souhaite assigner l'image a un article)
 * @return int                   Identifiant de l'image
 */
function insertImage($path, $idarticle = FALSE) {

    //Prepared statements
    static $ps_image = null;
    static $ps_id = null;


    //Query
    if ($idarticle) {
        $sql_image = 'insert into images (path,images.id_articles) values (:path,:id)';
    } else {
        $sql_image = 'insert into images (path) values (:path)';
    }

    $sql_id = 'select id from images where path = :path';

    if ($ps_image == NULL) {
        $ps_image = myDatabase()->prepare($sql_image);
    }

    if ($ps_id == NULL) {
        $ps_id = myDatabase()->prepare($sql_id);
    }

    try {
        $ps_image->bindParam(':path', $path, PDO::PARAM_STR);
        if ($idarticle) {
            $ps_image->bindParam(':id', $idarticle, PDO::PARAM_INT);
        }

        $ps_image->execute();

        $ps_id->bindParam(':path', $path, PDO::PARAM_STR);

        $isok = $ps_id->execute();
        $isok = $ps_id->fetchAll(PDO::FETCH_NUM);
    } catch (PDOException $ex) {
        $isok = false;
    }

    return $isok[0][0];
}

/**
 * Upload une image
 * @return type
 */
function imageUpload() {

    //Extensions autorisées
    $extArray = array('jpg', 'gif', 'png', 'jpeg');

    $ext = '';
    $error = '';
    $imageName = '';

//Si le dossier cible n'existe pas, alors on essaye de le créer
    if (!is_dir(TARGET)) {
        if (!mkdir(TARGET, 0755)) {
            exit('Erreur : le répertoire cible ne peut-être créé ! Vérifiez que vous diposiez des droits suffisants pour le faire ou créez le manuellement !');
        }
    }

//Verification si le champ n'est pas vide
    if (!empty($_FILES[INPUT]['name'])) {

//recupère l'extension du fichier
        $ext = pathinfo($_FILES[INPUT]['name'], PATHINFO_EXTENSION);

//verification de l'extension
        if (in_array(strtolower($ext), $extArray)) {
            $infosImg = getimagesize($_FILES[INPUT]['tmp_name']);


//Verification du type de l'image
            if ($infosImg[2] >= 1 && $infosImg[2] <= 14) {


//Verification des dimensions et de la taille
                if (($infosImg[0] <= WIDTH_MAX) && ($infosImg[1] <= HEIGHT_MAX) && (filesize($_FILES[INPUT]['tmp_name']) <= MAX_SIZE)) {

                    if (isset($_FILES[INPUT]['error']) && UPLOAD_ERR_OK === $_FILES[INPUT]['error']) {

                        $imageName = uniqid() . '.' . $ext;


                        if (move_uploaded_file($_FILES[INPUT]['tmp_name'], TARGET . $imageName)) {
                            $path = TARGET . $imageName;

                            //insertion dans la base de donnée et retour de l'id
                            return insertImage($path);
                        } else {
                            return 'Problème lors de l\'upload !';
                        }
                    } else {
                        return 'Une erreur interne a empêché l\'upload de l\'image';
                    }
                } else {
                    return 'Erreur dans les dimensions de l\'image !';
                }
            } else {
                return 'Le fichier à uploader n\'est pas une image !';
            }
        } else {
            return 'L\'extension du fichier est incorrecte !';
        }
    } else {
        return 'Image non renseignée!';
    }
}

/**
 * Parcours le $_FILE pour envoyer toutes les images dans un article
 * @param int $id_article       Identifiant de l'article
 * @return boolean
 */
function multiUpload($id_article) {

    //Nombre d'image
    $nb = count($_FILES[INPUT]['name']);
    for ($i = 0; $i < $nb; $i++) {
        $name = uniqid();
        $extension_upload = strtolower(substr(strrchr($_FILES[INPUT]['name'][$i], '.'), 1));
        $destination = TARGET . $name . "." . $extension_upload;
        //deplacement des fichiers
        move_uploaded_file($_FILES[INPUT]['tmp_name'][$i], $destination);
        //insertion del'image dans la base
        insertImage($destination, $id_article);
    }
    return TRUE;
}

/**
 * Modifie le chemin d'une image dans la base d edonnée
 * @staticvar type $ps
 * @param type $id_image    Identifiant d el'image a modifier
 * @param type $newpath     Nouveau chemin
 * @return boolean
 */
function editImagePath($id_image, $newpath) {
    static $ps = null;

    $sql = "update images set images.path = :path where images.id = :id";

    if ($ps == null) {
        $ps = myDatabase()->prepare($sql);
    }

    try {
        $ps->bindParam(':path', $newpath, PDO::PARAM_STR);
        $ps->bindParam(':id', $id_image, PDO::PARAM_INT);

        $isok = $ps->execute();
    } catch (PDOException $ex) {
        $isok = false;
    }

    return $isok;
}

```

```php
/**
 * Supprime une image de la base de données
 * @staticvar type $ps_path
 * @staticvar type $ps_delete
 * @param int $image_id     Identifiant de l'image
 * @return boolean
 */
function deleteImageEntry($image_id) {

    static $ps_path = null;
    static $ps_delete = null;

    $sql_path = "SELECT path FROM images where id=:id;";
    $sql_delete = "DELETE from images WHERE id=:id";


    if ($ps_path == null) {
        $ps_path = myDatabase()->prepare($sql_path);
    }

    if ($ps_delete == null) {
        $ps_delete = myDatabase()->prepare($sql_delete);
    }

    try {
        $ps_path->bindParam(':id', $image_id, PDO::PARAM_INT);
        $path = $ps_path->execute();
        $path = $ps_path->fetchAll(PDO::FETCH_ASSOC);


        $ps_delete->bindParam(':id', $image_id, PDO::PARAM_INT);
        $delete = $ps_delete->execute();
    } catch (PDOException $ex) {
        $path = false;
    }

    return $path[0]['path'];
}

/**
 * Supprime un fichier
 * @param string $path   Emplacement du fichier a supprimer
 */
function deleteFile($path) {
    if (file_exists($path)) {
        unlink($path);
    }
}

```

```php
<?php

/*
  Fichier: functiondisp.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Contient les fonction d'affichage du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

/**
 * Retourne le nom et le prenom avec le format "Prenom N."
 * @param string $firstname     Nom
 * @param string $lastname      Prenom
 * @return (string) format Prenom N.
 */
function formatUserName($firstname, $lastname) {
    return ucfirst($firstname) . " " . substr(ucfirst($lastname), 0, 1) . ".";
}

/**
 * Retourne du code html pour afficher un article sur la page d'accueil
 * @param Array $data       Donnée de l'utilisateur (id,name,description,date de creation, price)
 * @param string $imgpath   Chemin de l'image à afficher
 * @return string
 */
function articleFormat($data, $imgpath) {

    $creator_id = intval($data['id_Users']);
    $creator_firstname = getUserInfo($creator_id)['firstname'];
    $creator_lastname = getUserInfo($creator_id)['lastname'];
    $creatorname = formatUserName($creator_firstname, $creator_lastname);

    $output = "\n<li class=\"media well\">";
    $output .= "\n<div class=\"pull-left col-lg-2\">";
    $output .= "\n<a href=\"articles.php?idarticle=" . $data['id'] . "\" class=\"thumbnail\">";
    $output .= "<img alt=\"Image\" src=\"" . $imgpath . "\">";
    $output .= "\n</a>";
    $output .= "\n</div>";
    $output .= "<div class=\"col-lg-6\">";
    $output .= "\n<a href=\"articles.php?idarticle=" . $data['id'] . "\">";
    $output .= "\n<b>" . $data['name'] . "</b>";
    $output .= "\n</a>";
    $output .= "<br/><br/>";
    $output .= "\n<p>" . descriptionSize($data['description']) . "</p>";
    $output .= "\n</div>";
    $output .= "\n<div class=\"col-lg-4\">";
    $output .= "\nCréateur de l'annonce : " . $creatorname;
    $output .= "\n<br/><br/>";
    $output .= "\nLe " . $data['creationdate'];
    $output .= "\n<br/><br/>";
    $output .= "\nPrix : " . $data['price'];
    $output .= "\n</div>";
    $output .= "\n</li>";
    $output .= "\n</li>";

    return $output;
}

/**
 * Retourne un string d'un certain nombre de charactère avec "..." a la fin
 * @param string $desc    Description à raccourcir
 * @return string
 */
function descriptionSize($desc) {
    return substr($desc, 0, 50) . "...";
}

/**
 * Retourne du code html pout afficher le commentaire
 * @param Array $data           Données du commentaire
 * @param int $creatorid        Identifiant du createur de l'article
 * @return string               Code HTML
 */
function commentFormat($data, $creatorid) {
    $uid = intval($data['id_Users']);
    $userinfo = getUserInfo($uid);

    if ($userinfo['privilege'] == "2") {
        $priv = "Admin";
    } else {
        $priv = "Membre";
    }

    if ($data['state'] == "1") {
        $comment = $data['comm'];
    } else {
        $comment = "Commentaire en attente de modération";
    }


    $btn = "";

    //Seulement le créateur ou les admin
    if (getUserID() == $creatorid || getPrivilege() == PRIV_ADMIN) {
        $btn .= "<input type=\"submit\" name=\"state\" class=\"btn btn-warning\" value=\"!\" />";
    }

    //seulement les admin
    if (getPrivilege() == PRIV_ADMIN) {
        $btn .= "<input type=\"submit\" name=\"ban\" class=\"btn btn-danger\" value=\"X\"/>";
    }

    $output = "    \n<li class=\"media well\">
                            \n<div class=\"pull-left user-info col-lg-1\">
                               \n <img class=\"avatar img-circle img-thumbnail\" src=\"" . $userinfo['path'] . "\"
                                     \nwidth=\"64\" alt=\"Generic placeholder image\">
                                \n<br/>
```

```php
                                \n<strong><a href=\"user.html\">" . formatUserName( $userinfo['firstname'], $userinfo['lastname']) . "</a></strong>
                               \n <br/><small>" . $priv . "</small>
                               \n <br>

                            \n</div>
                           \n <div class=\"media-body\">" .
            $comment
            . "\n </div>
                            \n<div id='postOptions' class=\"media-right\">
                                " . $data['date_com'] . "
                                \n<br/>"
            .
            "\n<form action=\"#\" method=\"post\">
                                    <input type=\"hidden\" name=\"comstate\" value=\"" . $data['state'] . "\"/>
                                    <input type=\"hidden\" name=\"idcom\" value=\"" . $data['id'] . "\"/>"
            . $btn .
            "</form>"
            .
            //\n<a href=\"#\"><span class=\"input-group-addon\"><i class=\"glyphicon glyphicon-exclamation-sign\"></i></span></a>
            //\n<br/>
            //\n<a href=\"#\"><span class=\"input-group-addon\"><i class=\"glyphicon glyphicon-remove-sign\"></i></span></a>



            "\n</div>
                        \n</li>";

    return $output;
}

/**
 * Converti un tableau php en table html.
 * Le paramètre facultatif $assoc permet d'afficher une ligne d'entete si le tableau est associatif.
 * @param array $anArray Un tableau php (indexé ou associatif)
 * @param boolean $assoc (true si le tableau est associatif)
 * @return string Une chaîne qui contient un tableau html indenté.
 */
function Array2Html($anArray, $assoc = false) {
    $output = "\n<table class=\"table table-bordered\">";
    $lig = 0;

    // Si le tableau est associatif, la première ligne contient le nom des colonnes
    if ($assoc) {
        $firstLine = true;
        foreach ($anArray as $line) {
            if ($firstLine) {
                $output .= "\n <tr>";
                // affiche les entetes en th
                foreach ($line as $key => $value) {
                    $output .= "\n <th>" . $key . "</th>";
                }
                $output .= "\n </tr>";
                $output .= "\n <tr>";
                // affiche les entetes en th
                foreach ($line as $key => $value) {
                    $output .= "\n <td>" . $value . "</td>";
                }
                $output .= "\n </tr>";
                $firstLine = false;
            } else {
                if (($lig++ % 2) == 1)
                    $output .= "\n <tr>";
                else
                    $output .= "\n <tr class = \"odd\">";
// affiche les entetes en td
                foreach ($line as $key => $value) {
                    $output .= "\n    <td>" . $value . "</td>";
                }
                $output .= "\n  </tr>";
            }
        }
    } else {
// Tableau indexé
        for ($lig = 0; $lig < count($anArray); $lig++) {
            if (($lig % 2) == 0)
                $output .= "\n  <tr>";
            else
                $output .= "\n  <tr class=\"odd\">";
// Compte le nombre de colonnes
            for ($col = 0; $col < count($anArray[$lig]); $col++) {
                $output .= "\n    <td>" . $anArray[$lig][$col] . "</td>";
            }
            $output .= "\n  </tr>";
        }
    }

// Compte le nombre de lignes
    $output .= "\n</table>";
    return $output;
}

/**
 * Retourne du code html pour faire un select avec tous les pays
 * @param string $selectedcountry       Nom du pays (a specifier pour definir l'attribut selected)
 * @return string       Code HTML
 */
function selectCountry($selectedcountry = null) {
    $output = "\n<select name=\"country\" class=\"form-control\" id=\"country\">";
    foreach (getAllCountry() as $value) {

        if ($selectedcountry == $value['name']) {
            $selected = "selected";
        } else {
            $selected = "";
        }



        $output .="\n<option value=\"" . $value['iso'] . "\"" . $selected . ">" . $value['name'] . "</option>";
    }

    $output .= "\n</select>";

    return $output;
}


```

```php
<?php

/*
  Fichier: controller.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Gere les input du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

/**
 * Recupere le mail et le mot de passe et effectue la verification
 * @param string $mail
 * @param string $pwd
 * @return string
 */
function checkLogin($mail, $pwd) {
    $msg = TRUE;
    if (login($mail, $pwd)) {
        $userinfo = getUserInfo(login($mail, $pwd));
        if ($userinfo['banned'] == '1') {
            return "error";
        }
        $adress = $userinfo['street'] . " " . $userinfo['city'] . ", " . $userinfo['country'];

        setPrivilege(intval($userinfo['privilege']));
        setImagePath($userinfo['path']);
        setUserID(intval($userinfo['id']));
        setUserName(formatUserName($userinfo['firstname'], $userinfo['lastname']));
        setUserMail($mail);
        setUserTel($userinfo['phone']);
        setUserAdress($adress);
        setLogged();

        header('Location: index.php');
    } else {
        $msg = "Identifiants incorrect";
    }
    return $msg;
}

/**
 * Recupere les infromations d'enregistrement et effectue le traitement
 * @param string $lastName
 * @param string $firstName
 * @param int $gender
 * @param string $mail
 * @param string $pwd
 * @param string $phone
 * @param string $country
 * @param string $city
 * @param string $street
 * @param int $id_image
 * @return boolean
 */
```

```
function checkRegister($lastName, $firstName, $gender, $mail, $pwd, $phone, $country,
 $city, $street, $id_image) {

    if (!insertUser($lastName, $firstName, $gender, $mail, $pwd, $phone, $country,
    $city, $street, $id_image)) {
        return FALSE;
    } else {
        header('Location: login.php');
    }
}

/**
 * Récupere les information de création d'annonce et effectue le traitement
 * @param string $name
 * @param string $description
 * @param string $price
 * @param string $date
 * @param bool $mvis
 * @param bool $pvis
 * @param bool $avis
 * @return bool
 */
function checkNewArticle($name, $description, $price, $date, $mvis, $pvis, $avis) {
    $uid = getUserID();
    return insertArticle($name, $description, $price, $date, $uid, $mvis, $pvis,
    $avis);
}

/**
 * Récupere les informations d'edition d'annonce et effectue le traitement
 * @param int $id
 * @param string $name
 * @param string $description
 * @param string $price
 * @param bool $mvis
 * @param bool $pvis
 * @param bool $avis
 */
function checkEditArticle($id, $name, $description, $price, $mvis, $pvis, $avis) {
    editArticleInfo($id, $name, $description, $price, $mvis, $pvis, $avis);
    header('Location: articles.php?idarticle=' . $id);
}

/**
 * Récupere les informations d'edition du compte et effectue le traitement
 * @param string $country
 * @param string $city
 * @param string $street
 * @param int $adressid
 * @param string $lastName
 * @param string $firstName
 * @param int $gender
 * @param string $mail
 * @param string $phone
 */
function checkAccountEdit($country, $city, $street, $adressid, $lastName, $firstName,
 $gender, $mail, $phone) {
    updateUserAdress($adressid, $country, $city, $street);
    updateUserInfo($lastName, $firstName, $gender, $mail, $phone, getUserID());
    header('Location: userPage.php');
}


```

```php
<?php
/*
Fichier: sessions.php
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Gere les sessions
Copyright (TPI 2016 - Kevin Zaffino © 2016)
*/

session_start();
?>

<?php
require_once './phpScript/constants.php';

/**
 * Est-ce que l'utilisateur est loggé
 * @return {boolean}   True is loggé, autrement false
 */
function isLogged() {
    return (isset($_SESSION["logged"])) ? $_SESSION["logged"] : false;
}

/**
 * Definis l'etat "logged"
 */
function setLogged() {
    $_SESSION['logged'] = true;
}

/**
 * Recupere le niveau de privilège de l'utilisateur
 * @return (int)
 */
function getPrivilege() {
    return (isset($_SESSION["privilege"])) ? $_SESSION["privilege"] : PRIV_UNKNOWN;
}

/**
 * Assigne le nieau de privilege en session
 * @param (int) $value
 */
function setPrivilege($value) {
    $_SESSION["privilege"] = $value;
}

/**
 * Assigne le chemin de l'avatar de l'utilisateur en session
 * @param (string) $path
 */
function setImagePath($path) {
    $_SESSION['image'] = $path;
}

/**
 * Retourne le chemin de l'avatar de l'utilisateur contenu en session
 * @return (string)
 */
function getImagePath() {
    return (isset($_SESSION["image"])) ? $_SESSION["image"] : NULL;
}

/**
 * Est-ce que l'utilisateur est un admin
 * @return (bool) TRUE si il est admin, sinon FALSE
 */
function isAdmin() {
    return getPrivilege() == PRIV_ADMIN;
}

/**
 * Est-ce que l'utilisateur est un simple utilisateur
 * @return (bool) TRUE si oui, sinon FALSE
 */
function isUser() {
    return getPrivilege() == PRIV_USER;
}

/**
 * Recupere l'id utilisateur contenu en session
 * @return (int)
 */
function getUserID() {
    return (isset($_SESSION["uid"])) ? $_SESSION["uid"] : -1;
}

/**
 * Assigne l'id de l'utilisateur en session
 * @param type $uid
 */
function setUserID($uid) {
    $_SESSION["uid"] = $uid;
}

/**
 * Retourne le nom de l'utilisateur enregistré en session
 * @return type
 */
function getUserName() {
    return (isset($_SESSION["uname"])) ? $_SESSION["uname"] : "";
}

/**
 * Assigne le nom d'utilisateur a une variable de session
 * @param type $name
 */
function setUserName($name) {
    $_SESSION["uname"] = $name;
}

/**
 * Retourne le mail de l'utilisateur
 * @return type
 */
function getUserMail() {
    return (isset($_SESSION["umail"])) ? $_SESSION["umail"] : "";
}

/**
 * Assigne le mails de l'utilisateur dans une variable de session
 * @param type $mail
 */
function setUserMail($mail) {
    $_SESSION['umail'] = $mail;
}

/**
 * Recupere le numero de l'utilisateur
 * @return type
 */
function getUserTel() {
    return (isset($_SESSION["utel"])) ? $_SESSION["utel"] : "";
}

/**
 * Assigne le numero de l'utilisateur dans une variable de session
 * @param type $tel
 */
function setUserTel($tel) {
    $_SESSION['utel'] = $tel;
}

/**
 * Recupere l'adresse de l'utilisateur
 * @return type
 */
function getUserAdress() {
    return (isset($_SESSION["uadress"])) ? $_SESSION["uadress"] : "";
}

/**
 * Assigne l'adresse de l'utilisateur dans une variable de session
 * @param type $mail
 */
function setUserAdress($mail) {
    $_SESSION['uadress'] = $mail;
}

/**
 * Detruit la session
 */
function destroySession(){
    session_destroy();
}

```

```php
<?php
/*
Fichier: constants.php
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Contient les constantes du site
Copyright (TPI 2016 - Kevin Zaffino © 2016)
*/

//constantes pour les privilèges
define('PRIV_ADMIN', 2);
define('PRIV_USER', 1);
define('PRIV_UNKNOWN', 0);

//image par defaut de l'utilisateur
define('DEFAULT_IMAGE_ID', 19);

//Upload d'image
define('INPUT', 'imgupload');   // Nom de l'input du fichier
define('TARGET', './img/');     // Repertoire cible
define('MAX_SIZE', 10000000);   // Taille max en octets du fichier
define('WIDTH_MAX', 5000);      // Largeur max de l'image en pixels
define('HEIGHT_MAX', 5000);     // Hauteur max de l'image en pixels

```

```php
<?php
/*
Fichier: inc.all.php
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Gere les require utilisé sur les différentes page
Copyright (TPI 2016 - Kevin Zaffino © 2016)
*/

// Les constantes
require_once './phpScript/constants.php';
// Les sessions
require_once './phpScript/sessions.php';
// Les fonctions
require_once './phpScript/function.php';
//Les fonctions d'affichage
require_once './phpScript/functiondisp.php';
//Le controleur
require_once './phpScript/controller.php';


```

```php
<?php
/*
Fichier: mysql.inc.php
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Contient les constantes de connexion a la base de données
Copyright (TPI 2016 - Kevin Zaffino © 2016)
*/

//constantes de base de données
define('DB_HOST', 'localhost');
define('DB_NAME', 'jannonce_db');
define('DB_USER', 'jannonce_admin');
define('DB_PASSWORD', 'Superadmin');
```

```php
<?php

/*
  Fichier: showmenu.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Gere l'affichage des menus
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

if (isset($_REQUEST['logout'])) {
    logOut();
}

switch (getPrivilege()) {
    case 0:
        include './menu/defaultMenu.html';
        break;
    case 1:
        include './menu/authMenu.html';
        break;
    case 2:
        include './menu/adminMenu.html';
        break;
}

```

```
<?php
/*
  Fichier: index.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'accueil du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>Accueil</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';
        ?>
        <div class="container">
            <?php if (isLogged()) { ?>
                <div>
                    <a href="newArticle.php" class="btn btn-info" role="button">Nouvelle annonce</a>
                    <br/><br/>
                </div>
            <?php } ?>
            <div id="articles">
                <ul class="media-list forum">
                    <?php
                    foreach (listArticles() as $value) {
                        $path = articleImages(intval($value['id']))[0]['path'];
                        print articleFormat($value, $path);
                    }
                    ?>
                </ul>
            </div>
        </div>
    </body>
</html>
```

```
<?php
/*
  Fichier: about.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page "a propos" du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>about</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';
        ?>

        <div class="panel-info col-lg-3 pull-left">
            <div class = "panel-heading">
                <h3 class = "panel-title">A propos du site</h3>
            </div>
            <div class="panel-body">
                <p>Le site permettra aux utilisateurs de poster diverses annonces (ventes, services, …). Les utilisateurs pourront voir les annonces existantes et auront ainsi la possibilité de contacter la personne concernée.</p>
            </div>
        </div>

        <div class="panel-info col-lg-9 pull-right">
            <div class = "panel-heading">
                <h3 class = "panel-title">F.A.Q</h3>
            </div>
            <div class="panel-body">
                <h2>
                    Comment se connecter sur le site ?
                </h2>
                <p>
                    Il suffit de cliquer sur l’onglet « Connexion/Inscription » dans le menu du site.
                </p>
                <h2>
                </h2>
                <h2>
                    Comment ajouter une nouvelle annonce ?
                </h2>
                <p>
                    Une fois connecté sur le site, il suffit de cliquer sur « Nouvelle annonce » dans la page d’accueil.
                </p>
                <h2>
                    Je possède une annonce qui est terminée, comment le signaler ?
                </h2>
                <p>
                    Il suffit de cliquer sur « Ouvrir/Fermer » dans la page de votre annonce.
                </p>
            </div>
        </div>

        <div class="panel-info col-lg-3 pull-left">
            <div class = "panel-heading">
                <h3 class = "panel-title">Auteur</h3>
            </div>
            <div class="panel-body">
                Nom   : ZAFFINO Kevin
                <br/>
                email : kevin.zffn@eduge.ch
            </div>
        </div>
    </body>
</html>

```

```
<?php
/*
  Fichier: administation.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'administration du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';

//Acces unique aux administrateurs
if (getPrivilege() != PRIV_ADMIN) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>Administration</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';
        ?>

        <?php
        if (isset($_REQUEST['banuser'])) {
            $uid = intval($_REQUEST['uid']);
            banUnbanUser($uid);
            header('Location: administration.php');
        }

        if (isset($_REQUEST['banarticle'])) {
            $aid = intval($_REQUEST['aid']);
            banunbanArticle($aid);
            header('Location: administration.php');
        }
        ?>

        <div id="articles" class = "panel panel-primary">
            <div class = "panel-heading">
                <h3 class = "panel-title">Utilisateurs</h3>
            </div>
            <div class = "panel-body">
                <ul class="media-list forum">
                    <?php
                    $users = getAllUser();

                    for ($i = 0; $i < count($users); $i++) {
                        $edit = '<form action="#" method="post">
                                <input type="hidden" name="uid" value="' . $users[$i
                                ]['id'] . '"/>
                                <input type="submit" name="banuser" class="btn btn-primary" value="Ban/Unban"/>
                        </form>';

                        $users[$i]['Edition'] = $edit;
                    }

                    print Array2Html($users, true);
                    ?>

                </ul>
            </div>
        </div>

        <div id="articles" class = "panel panel-primary">
            <div class = "panel-heading">
                <h3 class = "panel-title">Annonces</h3>
            </div>
            <div class = "panel-body">
                <ul class="media-list forum">
                    <?php
                    $articles = getAllArticles();
                    for ($i = 0; $i < count($articles); $i++) {
                        $edit = '<form action="#" method="post">
                                <input type="hidden" name="aid" value="' . $articles[$i]['id'] . '"/>
                                <input type="submit" name="banarticle" class="btn btn-primary" value="Ban/Unban"/>
                        </form>';
                        $articles[$i]['Edition'] = $edit;
                    }

                    print Array2Html($articles, true);
                    ?>

                </ul>
            </div>
        </div>
    </body>
</html>

```

```html
<!--
Fichier: adminMenu.html
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Affiche le menu administrateur
Copyright (TPI 2016 - Kevin Zaffino © 2016)
-->

<nav class="navbar navbar-inverse">
    <div class="container-fluid">
        <ul class="nav navbar-nav">
            <li class="active"><a href="./index.php"><b>J'annonce</b></a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li><a href="./administration.php" >Administration</a></li>
            <li><a href="./userPage.php" >Mon compte</a></li>
            <li><a href="./about.php" >A propos</a></li>
            <li><a href="index.php?logout=true" >Deconnexion</a></li>
        </ul>
    </div>
</nav>
```

```php
<?php
/*
  Fichier: articleImages.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'affichage des images d'annonce
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */
require_once './phpScript/inc.all.php';

//Uniquement si le parametre "id" existe
if (!isset($_REQUEST['id'])) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <title>articleImages</title>
        <base target="_parent" />
    </head>
    <body>
        <?php
        $id = intval($_REQUEST['id']);
        $img = articleImages($id);

        //Affichage des images
        foreach ($img as $value) {
            echo '<a href="' . $value['path'] . '"><img alt="Image" src="' . $value['path'] . '" width="100%"></a>';
        }
        ?>
    </body>
</html>

```

```php
<?php
/*
  Fichier: articles.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'annonce du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';

if (isset($_REQUEST['idarticle'])) {
    $aid = intval($_REQUEST['idarticle']);
} else {
    header('Location: index.php');
}
$articleinfo = articleInfo($aid);
$banned = intval($articleinfo['banned']);

if ($banned) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
        <title>Annonce</title>
    </head>
    <body>

        <style>
            .media-right {
                width: 400px ;
            }
        </style>

        <?php
        include './menu/showmenu.php';

        $aid = intval($_REQUEST['idarticle']);
        $articlecreator = intval(articleInfo($aid)['id_Users']);
        $articleinfo = articleInfo($aid);
        $userinfo = getUserInfo(intval($articleinfo['id_Users']));

        $state = intval($articleinfo['state']);


        $vmail = intval($articleinfo['mailvisible']);
        $vphone = intval($articleinfo['phonevisible']);
        $vadress = intval($articleinfo['adressvisible']);

        if (isset($_REQUEST['changestate'])) {
            openCloseArticle($aid);
            header('Location: #');
        }


        if (isset($_REQUEST['post'])) {
            $com = filter_input(INPUT_POST, 'txt');
            $date = date("Y-m-d H:i:s");
            addComment(getUserID(), $aid, $date, $com);
            header("refresh:0");
        }

        if (isset($_REQUEST['state'])) {
            $idcom = intval($_REQUEST['idcom']);
            $comstate = intval($_REQUEST['comstate']);


            if ($comstate == 1) {
                $reversestate = 0;
            } else {
                $reversestate = 1;
            }

            changeComState($idcom, $reversestate);
            header("refresh:0");
        }

        if (isset($_REQUEST['ban'])) {
            $idcom = intval($_REQUEST['idcom']);
            banComment($idcom);
            header("refresh:0");
        }
        ?>
        <div class="panel" id='article'>
            <div class="panel-body">
                <div class="pull-left col-lg-4">
                    <iframe src="articleImages.php?id=<?php echo $aid; ?>" width="100%" height="400">
                    </iframe>
                </div>
                <div class="col-lg-4">
                    <label for="description"><?php echo $articleinfo['name']; ?></label>

                    <div id='description'>
                        <?php echo $articleinfo['description']; ?>
                    </div>

                    <br/><br/>
                    <label for="description">Prix : <?php echo $articleinfo['price']; ?></label>
                </div>
                <div id="info" class="pull-right col-lg-4">
                    Createur del'annonce : <?php echo getUserInfo(intval($articleinfo['id_Users']))['firstname']; ?>
                    <br/>
                    Le : <?php echo $articleinfo['creationdate']; ?>
                    <br/><br/>
                    <?php
                    if ($vphone) {
                        echo 'Tel. : ' . $userinfo['phone'] . '<br/>';
                    }

                    if ($vmail) {
                        echo 'E-mail : ' . $userinfo['mail'] . '<br/>';
                    }

                    if ($vadress) {
                        echo 'Addresse : ' . $userinfo['country'] . '<br/>';
                    }
                    ?>

                    <br/><br/><br/>

                    Etat de l'annonce : <?php
                    if ($state) {
                        echo 'Ouvert';
                    } else {
                        echo 'Fermé';
                    }
                    ?>

                    <?php if (getUserID() == $articlecreator || getPrivilege() == PRIV_ADMIN) { ?>
                        <form action="#" method="post">
                            <input type="hidden" name="id" value="<?php echo $aid; ?>"/>
                            <button type="submit" class="btn btn-success" name="changestate">Ouvrir/Fermer</button>
                            <a href="./editArticle.php?aid=<?php echo $aid; ?>" class="btn btn-warning" role="button">Editer l'annonce</a>
                        </form>
                    <?php } ?>
                </div>

            </div>
        </div>

        <div id="articles" class = "panel panel-primary">
            <div class = "panel-heading">
                <h3 class = "panel-title">Commentaire(s)</h3>
            </div>
            <div class = "panel-body">
                <div id='comments' class="col-lg-12">
                    <ul class="media-list forum">
                        <?php
                        foreach (getArticleComments($aid) as $value) {
                            print commentFormat($value, $articlecreator);
                        }
                        ?>

                        <?php if (getPrivilege() != PRIV_UNKNOWN && $state == 1) { ?>
                            <li class="media well">
                                <div class="pull-left user-info col-lg-1" href="#">
                                    <img class="avatar img-circle img-thumbnail" src="<?php echo getImagePath(); ?>"
```

```
                                         width="64" alt="Generic placeholder image">
                                    <br/>
                                    <strong><a href="user.html"><?php echo $_SESSION['uname'] . "<br/>"; ?></a></strong>
                                    <small>Membre</small>
                                    <br>

                                </div>
                                <div class="media-right">
                                    <form role="form" action="#" method="post">

                                        <textarea name='txt' rows="5" cols="100" maxlength="500" required></textarea>
                                        <br/>
                                        <button type="submit" class="btn btn-success" name="post">Envoyer</button>
                                    </form>

                                </div>
                            </li>
                        <?php } ?>
                    </ul>
                </div>
            </div>
        </div>
    </body>
</html>

```

```
<!--
Fichier: authMenu.html
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Affiche le menu d'utilisateur authentifié
Copyright (TPI 2016 - Kevin Zaffino © 2016)
-->

<nav class="navbar navbar-inverse">
    <div class="container-fluid">
        <ul class="nav navbar-nav">
            <li class="active"><a href="./index.php"><b>J'annonce</b></a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li><a href="./userPage.php" >Mon compte</a></li>
            <li><a href="./about.php" >A propos</a></li>
            <li><a href="index.php?logout=true" >Deconnexion</a></li>
        </ul>
    </div>
</nav>
```

```html
<!--
Fichier: defaultMenu.html
Auteur: Kevin Zaffino
Date: 15/06/2016
Version:1.10
Description: Affiche le menu par defaut
Copyright (TPI 2016 - Kevin Zaffino © 2016)
-->

<nav class="navbar navbar-inverse">
    <div class="container-fluid">
        <ul class="nav navbar-nav">
            <li class="active"><a href="./index.php"><b>J'annonce</b></a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">
            <li><a href="./login.php" >Connexion/Inscription</a></li>
            <li><a href="./about.php" >A propos</a></li>
        </ul>
    </div>
</nav>
```

```php
<?php
/*
  Fichier: editArticle.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'edition d'annonce
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require './phpScript/inc.all.php';

$aid = intval($_REQUEST['aid']);
$uidarticle = intval(articleInfo($aid)['id_Users']);

//Acces unique au createur de l'annonce et à l'admin
if (getUserID() != $uidarticle && getPrivilege() != PRIV_ADMIN) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>Edition de l'annonce</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';


        $article = articleInfo($aid);

        if (isset($_REQUEST['submit'])) {
            $name = filter_var($_REQUEST['name'], FILTER_SANITIZE_SPECIAL_CHARS);
            $description = filter_var($_REQUEST['description'], FILTER_SANITIZE_SPECIAL_CHARS);
            $price = filter_var($_REQUEST['price'], FILTER_SANITIZE_SPECIAL_CHARS);

            $date = date('Y-m-d H:i:s');
            //$uid = getUserID();

            $mvis = (isset($_POST["mailVisible"])) ? TRUE : FALSE;
            $pvis = (isset($_POST["phoneVisible"])) ? TRUE : FALSE;
            $avis = (isset($_POST["adressVisible"])) ? TRUE : FALSE;


            if ($_FILES[INPUT]['name'][0] != '') {
                deleteArticleImages($aid);
                multiUpload($aid);
            }

            checkEditArticle($aid, $name, $description, $price, $mvis, $pvis, $avis);
        }
        ?>
        <div class="col-md-5 col-md-offset-4">
            <div class="panel panel-default">
                <div class = "panel-heading">
                    <h3 class = "panel-title">Edite l'annonce</h3>
                </div>
                <div class="panel-body">
                    <form action="#" method="post" enctype="multipart/form-data">
                        <label for="title">Libelle :
                            <input type="text" class="form-control" name='name' value="<?php echo $article['name']; ?>" required/>
                        </label>
                        <br/>
                        <label for="description">Description :<br/>
                            <textarea name='description' rows="10" cols="50" maxlength="500" required><?php echo $article['description']; ?></textarea>
                        </label>
                        <br/>
                        <label for="price">Prix :
                            <input type="text" name='price' value="<?php echo $article['price']; ?>" required/>
                        </label>
                        <br/>
                        <label for="image">Image(s) (Les anciennes images seront supprimées) :
                            <input type="file" name="<?php echo INPUT; ?>[]" multiple accept="image/*"/>
                        </label>
                        <br/>

                        <label for='mailVisible'>
                            E-mail visible : <input type="checkbox" name='mailVisible' <?php
                            if ($article['mailvisible'] == 1) {
                                echo 'checked';
                            }
                            ?>/>
                        </label>

                        <label for='phoneVisible'>
                            Numero de Tel. visible : <input type="checkbox" name='phoneVisible' <?php
                            if ($article['phonevisible'] == 1) {
                                echo 'checked';
                            }
                            ?>/>
                        </label>

                        <label for='adressVisible'>
                            Adresse visible : <input type="checkbox" name='adressVisible' <?php
                            if ($article['adressvisible'] == 1) {
                                echo 'checked';
                            }
                            ?>/>
                        </label>
                        <br/>
                        <button type="submit" class="btn btn-success" name="submit">Envoyer</button>
                    </form>
                </div>
            </div>
        </div>
    </body>
</html>
```

```
<?php
/*
  Fichier: login.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page de login du site
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';

//Acces unique aux utilisateurs authentifiés
if (isLogged()) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
        <title>login</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';

        $error = "";

        if (isset($_REQUEST['login'])) {

            $mail = filter_var($_REQUEST['mail'], FILTER_SANITIZE_EMAIL);
            $pwd = filter_var($_REQUEST['pwd'], FILTER_SANITIZE_SPECIAL_CHARS);

            $error = checkLogin($mail, $pwd);
        }
        ?>
        <div class="container" style="margin-top:30px">
            <div class="col-md-4 col-md-offset-4">
                <div class="panel panel-default">
                    <div class="panel-body">
                        <form method="post" action="#">
                            <div class="form-group">
                                <label for="mail" class="sr-only">Email address</label>
                                <div class="input-group">
                                    <span class="input-group-addon"><i class="glyphicon glyphicon-user"></i></span>
                                    <input type="email" class="form-control" id="mail"
                                           placeholder="Entrez votre adresse email" name="mail" required>
                                </div>
                            </div>
                            <div class="form-group">
                                <label for="pwd" class="sr-only">Password</label>
                                <div class="input-group">
```

```
                                    <span class="input-group-addon"><i class="glyphicon glyphicon-lock"></i></span>
                                    <input type="password" class="form-control" id="pwd"
                                           placeholder="Mot de passe" name="pwd" required>
                                </div>
                            </div>
                            <button type="submit" class="btn btn-success" name="login">Connexion</button>
                            <a href="register.php" class="btn btn-primary" role="button">Pas encore inscrit ?</a>
                        </form>
                    </div>
                </div>
                <?php if ($error) { ?>
                    <div class="alert alert-warning">
                        <strong>Attention!</strong> Identifiants incorrects.
                    </div>

                <?php } ?>
            </div>
        </div>
    </body>
</html>

```

```
<?php
/*
  Fichier: modification.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'edition des informations utilisateur
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';

//Acces unique aux utilisateurs authentifiés
if (!isLogged()) {
    header('Location: index.php');
}
?>

<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
        <link rel="stylesheet" type="text/css" href="CSS/font-awesome/css/font-awesome.css">
        <title>Modification</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';

        $data = getUserInfo(getUserID());


        // Si on a appuyé sur le bouton Valider
        if (isset($_REQUEST['change'])) {

            $lastName = filter_var($_REQUEST['lastname'], FILTER_SANITIZE_SPECIAL_CHARS);
            $firstName = filter_var($_REQUEST['firstname'], FILTER_SANITIZE_SPECIAL_CHARS);
            $mail = filter_var($_REQUEST['mail'], FILTER_SANITIZE_SPECIAL_CHARS);
            //$pwd = filter_var($_REQUEST['pwd'],FILTER_SANITIZE_SPECIAL_CHARS);
            $phone = filter_var($_REQUEST['phone'], FILTER_SANITIZE_SPECIAL_CHARS);
            $country = filter_var($_REQUEST['country'], FILTER_SANITIZE_SPECIAL_CHARS);
            $city = filter_var($_REQUEST['city'], FILTER_SANITIZE_SPECIAL_CHARS);
            $street = filter_var($_REQUEST['street'], FILTER_SANITIZE_SPECIAL_CHARS);
            $gender = filter_var($_REQUEST['gender'], FILTER_SANITIZE_SPECIAL_CHARS);

            if ($_FILES[INPUT]['name'] != '') {
                deleteFile(getImagePath());
                $id_image = intval(imageUpload());
                changeUserImage(getUserID(), $id_image);
                $userinfo = getUserInfo(getUserID());
                setImagePath($userinfo['path']);
            }

            checkAccountEdit($country, $city, $street, $data['id_Adress'], $lastName, $firstName, $gender, $mail, $phone);
        }
        ?>
        <div class="container" style="margin-top:30px">
            <div class="col-md-5 col-md-offset-3">
                <div class="panel panel-default">
                    <div class = "panel-heading">
                        <h3 class = "panel-title">Modification</h3>
                    </div>
                    <div class="panel-body">
                        <form role="form" method="post" action="#" enctype="multipart/form-data">
                            <label for="lastname">Nom :
                                <input type="text" class="form-control" name="lastname" id='lastname' value="<?php echo $data['lastname']; ?>" required/>
                            </label>
                            <label for="firstname">Prenom :
                                <input type="text" class="form-control" name="firstname" id='firstname' value="<?php echo $data['firstname']; ?>" required/>
                            </label>

                            <label for="mail">E-mail :
                                <input type="mail" class="form-control" name="mail" id='mail' value="<?php echo $data['mail']; ?>" required />
                            </label>

                            <label for="phone">Tel. :
                                <input type="text" class="form-control" name="phone" id='phone' value="<?php echo $data['phone']; ?>">
                            </label>

                            <label for="adress">Adresse :
                                <div id='adress'>
                                    <?php
                                    echo selectCountry($data['country']);
                                    ?>
                                    <label for="city">Ville :
                                        <input type="text" class="form-control" name="city" id='city' value="<?php echo $data['city']; ?>">
                                    </label>
                                    <label for="street">Rue :
                                        <input type="text" class="form-control" name="street" id='street' value="<?php echo $data['street']; ?>">
                                    </label>
                                </div>
                            </label>

                            <label for="gender">Genre :
                                <select name="gender" class="form-control" name="gender" id="gender">
```

```
                                    <option value="1" <?php
                                    if ($data['gender'] == "1") {
                                        echo 'selected';
                                    }
                                    ?>>Homme</option>
                                    <option value="0" <?php
                                    if ($data['gender'] == "0") {
                                        echo 'selected';
                                    }
                                    ?>>Femme</option>
                                </select>
                            </label>
                            <br/>


                            <label for="image">Image de profil :
                                <input type="file" class="form-control" name="<?php echo INPUT; ?>" id='image' accept="image/*"/>
                            </label>
                            <br/>
                            <button type="submit" class="btn btn-success" name="change">Valider</button>
                        </form>
                    </div>
                </div>
            </div>
        </div>

    </body>
</html>
```

```php
<?php
/*
  Fichier: newArticle.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page de creation d'annonce
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */
require './phpScript/inc.all.php';

//Acces unique aux utilisateurs authentifiés
if (!isLogged()) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>Nouvelle annonce</title>
    </head>
    <style>
        .panel{
            width: 75%;

        }
    </style>
    <body>
        <?php
        include './menu/showmenu.php';

        if (isset($_REQUEST['submit'])) {

            $name = filter_var($_REQUEST['name'], FILTER_SANITIZE_SPECIAL_CHARS);
            $description = filter_var($_REQUEST['description'], FILTER_SANITIZE_SPECIAL_CHARS);
            $price = filter_var($_REQUEST['price'], FILTER_SANITIZE_SPECIAL_CHARS);

            $date = date('Y-m-d H:i:s');

            $mvis = (isset($_POST["mailVisible"])) ? TRUE : FALSE;
            $pvis = (isset($_POST["phoneVisible"])) ? TRUE : FALSE;
            $avis = (isset($_POST["adressVisible"])) ? TRUE : FALSE;

            $article_id = checkNewArticle($name, $description, $price, $date, $mvis, $pvis, $avis);

            multiUpload($article_id);

            header('Location: articles.php?idarticle=' . $article_id);
        }
        ?>
        <div class="col-md-5 col-md-offset-4">
            <div class="panel panel-default">
```

```
                <div class = "panel-heading">
                    <h3 class = "panel-title">Nouvelle annonce</h3>
                </div>
                <div class="panel-body">
                    <form action="#" method="post" enctype="multipart/form-data">
                        <label for="title">Libelle :
                            <input type="text" class="form-control" name='name' required/>
                        </label>
                        <br/>
                        <label for="description">Description :<br/>
                            <textarea name='description' rows="10" cols="50" maxlength="500" required></textarea>
                        </label>
                        <br/>
                        <label for="price">Prix :
                            <input type="text" name='price' required/>
                        </label>
                        <br/>
                        <label for="image">Image(s) :
                            <input type="file" name="<?php echo INPUT; ?>[]" multiple accept="image/*" required/>
                        </label>
                        <br/>

                        <label for='mailVisible'>
                            E-mail visible : <input type="checkbox" name='mailVisible'/>
                        </label>

                        <label for='phoneVisible'>
                            Numero de Tel. visible : <input type="checkbox" name='phoneVisible'/>
                        </label>

                        <label for='adressVisible'>
                            Adresse visible : <input type="checkbox" name='adressVisible'/>
                        </label>
                        <br/>
                        <button type="submit" class="btn btn-success" name="submit">Envoyer</button>
                    </form>
                </div>
            </div>
        </div>
    </body>
</html>

```

```
<?php
/*
  Fichier: register.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'enregistrement
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */

require_once './phpScript/inc.all.php';

//Acces unique aux utilisateurs authentifiés
if (isLogged()) {
    header('Location: index.php');
}
?>

<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">
        <link rel="stylesheet" type="text/css" href=
        "CSS/font-awesome/css/font-awesome.css">
        <title>register</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';

        $mailverif = TRUE;
        $error = "";

        // Si on a appuyé sur le bouton Valider
        if (isset($_REQUEST['register'])) {

            $lastName = filter_var($_REQUEST['lastname'],
            FILTER_SANITIZE_SPECIAL_CHARS);
            $firstName = filter_var($_REQUEST['firstname'],
            FILTER_SANITIZE_SPECIAL_CHARS);
            $mail = filter_var($_REQUEST['mail'], FILTER_SANITIZE_EMAIL);
            $pwd = filter_var($_REQUEST['pwd'], FILTER_SANITIZE_SPECIAL_CHARS);
            $phone = filter_var($_REQUEST['phone'], FILTER_SANITIZE_SPECIAL_CHARS);
            $country = filter_var($_REQUEST['country'], FILTER_SANITIZE_SPECIAL_CHARS
            );
            $city = filter_var($_REQUEST['city'], FILTER_SANITIZE_SPECIAL_CHARS);
            $street = filter_var($_REQUEST['street'], FILTER_SANITIZE_SPECIAL_CHARS);
            $gender = filter_var($_REQUEST['gender'], FILTER_SANITIZE_SPECIAL_CHARS);

            //$id_image = "qq";
            if ($_FILES[INPUT]['name'] != '') {
                $id_image = intval(imageUpload());
            } else {
                $id_image = DEFAULT_IMAGE_ID;
            }

            $mailverif = checkRegister($lastName, $firstName, $gender, $mail, $pwd, $phone, $country, $city, $street, $id_image);
        }
        ?>
        <div class="container" style="margin-top:30px">
            <div class="col-md-5 col-md-offset-3">
                <div class="panel panel-default">
                    <div class = "panel-heading">
                        <h3 class = "panel-title">Inscription</h3>
                    </div>
                    <div class="panel-body">
                        <form method="post" action="#" enctype="multipart/form-data">
                            <label for="lastname">Nom* :
                                <input type="text" class="form-control" name="lastname" id='lastname' required>
                            </label>
                            <label for="firstname">Prenom* :
                                <input type="text" class="form-control" name="firstname" id='firstname' required>
                            </label>

                            <label for="mail">E-mail* :
                                <input type="email" class="form-control" name="mail" id='mail' required>
                            </label>

                            <?php if (!$mailverif) { ?>
                                <div class="alert alert-warning">
                                    <strong>Attention!</strong> Adresse email déja utilisée.
                                </div>
                            <?php } ?>

                            <label for="pwd">mdp* :
                                <input type="password" class="form-control" name="pwd" id='pwd' pattern=".{3,}" required title="3 characters minimum">
                            </label>
                            <label for="phone">Tel. :
                                <input type="text" class="form-control" name="phone" id='phone'>
                            </label>

                            <label for="adress">Adresse :
                                <div id='adress'>
                                    <?php
                                    echo selectCountry();
                                    ?>
                                    <label for="city">Ville :
                                        <input type="text" class="form-control" name="city" id='city'>
                                    </label>
                                    <label for="street">Rue :
                                        <input type="text" class="form-control" name="street" id='street'>
                                    </label>
                                </div>
                            </label>

                            <label for="gender">Genre :
                                <select name="gender" class="form-control" id="gender">
                                    <option value="1">Homme</option>
                                    <option value="0">Femme</option>
                                </select>
                            </label>
                            <br/>


                            <label for="image">Image de profil :
                                <input type="file" class="form-control" name="<?php echo INPUT; ?>" id='image' accept="image/*"/>
                            </label>
                            <br/>
                            <button type="submit" class="btn btn-success" name="register">Valider</button>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </body>
</html>
```

```
<?php
/*
  Fichier: userPage.php
  Auteur: Kevin Zaffino
  Date: 15/06/2016
  Version:1.10
  Description: Page d'information personnel
  Copyright (TPI 2016 - Kevin Zaffino © 2016)
 */
require_once './phpScript/inc.all.php';

//Acces unique aux utilisateurs
if (!isLogged()) {
    header('Location: index.php');
}
?>
<!DOCTYPE html>
<html>
    <head>
        <meta charset="UTF-8">
        <link href="bootstrap/css/bootstrap.min.css" rel="stylesheet">

        <title>User page</title>
    </head>
    <body>
        <?php
        include './menu/showmenu.php';
        $userinfo = getUserInfo($_SESSION['uid']);
        ?>

        <div class="panel-info" id='information'>
            <div class = "panel-heading">
                <h3 class = "panel-title">Information personnelle</h3>
            </div>
            <div class="panel-body">
                <div class="pull-left col-lg-2">
                    <a href="#" class="thumbnail">
                        <img alt="Image" src="<?php echo $userinfo['path']; ?>" width="300px">
                    </a>
                </div>
                <div class="col-lg-4">
                    <div id='description'>
                        <?php
                        $gender = ($userinfo['gender'] == "0") ? "Femme" : "Homme";

                        echo 'Nom: ' . $userinfo['lastname'];
                        echo '<br/>';
                        echo 'Prenom: ' . $userinfo['firstname'];
                        echo '<br/>';
                        echo 'Genre : ' . $gender;
                        echo '<br/><br/><br/>';
                        ?>

                        <br/><br/><br/>
                        <a href="modification.php" class="btn btn-warning" role="button">Modifier les informations</a>
                    </div>
                </div>

                <div id="info" class="pull-right col-lg-4">
                    <div class="panel-default">
                        <div class = "panel-heading">
                            <h3 class = "panel-title">Contact</h3>
                        </div>
                        <div class="panel-body">

                            Tel. : <?php echo $userinfo['phone']; ?>
                            <br/>
                            E-mail : <?php echo $userinfo['mail']; ?>
                            <br/>
                            Adresse : <?php echo '<br/>' . $userinfo['street'] . " " . $userinfo['city'] . ", " . $userinfo['country']; ?>
                            <br/><br/><br/>
                        </div>
                    </div>
                </div>
            </div>
        </div>

        <div id="articles" class = "panel panel-primary">
            <div class = "panel-heading">
                <h3 class = "panel-title">Mes annonce(s)</h3>
            </div>
            <div class = "panel-body">
                <ul class="media-list forum">
                    <?php
                    foreach (getUserArticles(getUserID()) as $value) {
                        $path = articleImages(intval($value['id']))[0]['path'];
                        print articleFormat($value, $path);
                    }
                    ?>
                </ul>
            </div>
        </div>

    </body>
</html>

```