```php
<?php
class User extends Application {

    private $_table = "clients";
    public $_id;



    public function isUser($email, $password) {
        $password = Login::string2hash($password);
        $sql = "SELECT * FROM `{$this->_table}`
                WHERE `email` = '".$this->db->escape($email)."'
                AND `password` = '".$this->db->escape($password)."'
                AND `active` = 1";
        $result = $this->db->fetchOne($sql);
        if (!empty($result)) {
            $this->_id = $result['id'];
            return true;
        }
        return false;
    }



    public function addUser($params = null, $password = null) {

        if (!empty($params) && !empty($password)) {
            $this->db->prepareInsert($params);
            if ($this->db->insert($this->_table)) {

                // send email
                $objEmail = new Email();
                if ($objEmail->process(1, array(
                    'email'         => $params['email'],
                    'first_name'    => $params['first_name'],
                    'last_name'     => $params['last_name'],
                    'password'      => $password,
                    'hash'          => $params['hash']
                ))) {
                    return true;
                }
                return false;

            }
            return false;
        }
        return false;

    }



    public function getUserByHash($hash = null) {
        if (!empty($hash)) {
            $sql  = "SELECT * FROM `{$this->_table}`
                    WHERE `hash` = '";
            $sql .= $this->db->escape($hash)."'";
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            return $this->db->fetchOne($sql);
        }
    }



    public function makeActive($id = null) {
        if (!empty($id)) {
            $sql = "UPDATE `{$this->_table}`
                    SET `active` = 1
                    WHERE `id` = '".$this->db->escape($id)."'";
            return $this->db->query($sql);
        }
    }



    public function getByEmail($email = null) {
        if (!empty($email)) {
            $sql = "SELECT `id` FROM `{$this->_table}`
                    WHERE `email` = '".$this->db->escape($email)."'
                    AND `active` = 1";
            return $this->db->fetchOne($sql);
        }
    }



    public function getUser($id = null) {
        if (!empty($id)) {
            $sql = "SELECT * FROM `{$this->_table}`
                    WHERE `id` = '".$this->db->escape($id)."'";
            return $this->db->fetchOne($sql);
        }
    }



    public function updateUser($array = null, $id = null) {
        if (!empty($array) && !empty($id)) {
            $this->db->prepareUpdate($array);
            if ($this->db->update($this->_table, $id)) {
                return true;
            }
            return false;
        }
    }



    public function getUsers($srch = null) {
        $sql = "SELECT * FROM `{$this->_table}`
                WHERE `active` = 1";
        if (!empty($srch)) {
            $srch = $this->db->escape($srch);
            $sql .= " AND (`first_name` LIKE '%{$srch}%' || `last_name` LIKE '%{$srch}%')";
        }
```

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        $sql .= " ORDER BY `last_name`, `first_name` ASC";
        return $this->db->fetchAll($sql);
    }




    public function removeUser($id = null) {
        if (!empty($id)) {
            $sql = "DELETE FROM `{$this->_table}`
                    WHERE `id` = '".$this->db->escape($id)."'";
            return $this->db->query($sql);
        }
    }
}
```