Authentication

Most web applications provide a way for users to log in or reset their forgotten passwords. In Yii2, we don’t have this opportunity by default. For a basic application template, Yii provides only two test users by default, which are statically described in the User model. So, we have to implement special code to be able to enable user login from the database.

Getting ready

1. Create a new application by using the Composer package manager, as described in the official guide at [http://www. yiiframework. c om/doc-2.0/guide -start-installation .html](http://www.yiiframework.com/doc-2.0/guide-start-installation.html).

2. In the component section of your config, add:

'user' => [

'identityClass' => 'app\models\User',

'enableAutoLogin' => true,

],

3. Create a User table. Create a migration by entering the following command:

./yii migrate/create create\_user\_table

4. Update the just created migration with the following code:

<?php

use yii\db\Schema; use yii\db\Migration;

class m150626\_112049\_create\_user\_table extends Migration {

public function up()

{

$tableOptions = null;

if ($this->db->driverName === 'mysql') {

$tableOptions = 'CHARACTER SET utf8 COLLATE utf8\_general\_ci ENGINE=InnoDB';

}

$this->createTable('{{%user}}', [

'id' => Schema::TYPE\_PK,

'username' => Schema::TYPE\_STRING . ' NOT NULL',

'auth\_key' => Schema::TYPE\_STRING . '(32) NOT NULL',

'password\_hash' => Schema::TYPE\_STRING . ' NOT NULL',

'password\_reset\_token' => Schema::TYPE\_STRING,

], $tableOptions);

}

public function down()

{

$this->dropTable('{{%user}}');

}

}

5. Update the existing models/User model with the following code:

<?php