

PHP project task

Purpose : to create program page for PHP OOP passwords for generating and for storing in DB

Programs tasks and requirements :

1. Program is being developed **PHP based on OOP**
2. Data stored in My SQL database.
3. When signing up is created user with login page password , stored database, coded *in hash* format .
4. Once created the user is a KEY is generated, The KEY used for passwords encryption, the KEY is not changed and encoded by the AES method , which coding the key is user PLAIN password .
5. * Create own class passwords for generating , which according to selected ones parameters : secret length uppercase , lowercase , numbers , spec. characters quantity (in units or in percent optional). Parameters allow set by GUI fields . For example : 9 characters ie 2 - lowercase , 3 uppercase , 2 special, 2 numbers : *aF\$3E.D5s* .
6. By saving selected passwords (ex. FB , GMAIL , have allow save such record fields: websites or others programs name , password record the date and time (filled automatically) , desired or generated password .

NOTE when changing login password (if provided) is required recode the KEY. The KEY is unchangeable total in user existence.

* is not necessary

7. Compose project DB and UML diagrams of classes.

Assessment criteria :

1. Programs implementation accuracy and functionality - or program works how provided for ;
2. Code neatness and optimality, objective programming exploitation ie classes and methods creation, inheritance fulfillment and etc.;
3. DB tables optimality, realistic communications the use of fields type selection validity and compliance with UML diagrams;
4. of the user interfaces convenience.

Submit via Classroom:

(UNARCHIVED):

1. Programs operation report with UML diagrams , applications the window images (Print Screen)
2. PHP programs code cases
3. MySQL tables the window images (Print Screen);