



### **BİM 494 MOBILE PROGRAMMING 2 FINAL**

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**ANONIMUS**

## **Vision Statement**

The number of passwords that emerged with the Internet's inclusion in our lives has increased. Passwords must be used everywhere, such as credit card passwords, pin codes, security codes, program passwords, e-mail account passwords, debit passwords.

Passwords that cannot be guessed easily and are very difficult to know by trying are called “strong passwords”. One password should not be used for more than one account.

Creating and remembering a strong, reliable, and easy-to-remember password is one of the biggest challenges for many internet users.

We want to present our users their passwords with a simple interface. It will be sufficient to enter the name of the website or application where they will use the password and choose the ones they want from the features we have specified.

Easily guessable information such as zip code, house number, telephone number, your child's name, surname, date of birth, etc. should not be used as passwords.

The password you create can be considered strong depending on a number of features.

## **Major Features**

ANONIMUS mobile app t offers its users strong, hard-to-crack passwords with a simple interface. While doing this, it allows them to choose the features they want. For example, a password consisting of only numbers can be created, or a combination of numbers and letters can also be created. At the same time, we want to prevent any confusion that may occur with the name of the website or application they will enter in order to specify which password they can use where.

If you want to have a very secure password, you can enrich your password with numbers, uppercase letters, lowercase letters and various symbols such as question marks or commas. On the other hand, strong and difficult passwords that you will generate in this way are not ideal for keeping in memory. The user can choose the length of the password.

With ANONIMUS you can easily manage your passwords.

The password you create can be considered strong depending on a number of features.

- The password must consist of at least four characters or more,
- Using uppercase and lowercase letters side by side.
- Use numbers, sequences, and special characters similar to #, %, +, -, ?, @, !, \*, % next to letters.

## Nuget Packages and Dependencies

### -NuGet Packages

Sqlite-net-pcl

Xamarin.CommunityToolkit

### -Dependencies

.iOS

.Android

TIME IT TAKES FOR A HACKER TO CRACK YOUR PASSWORD					
Number of Characters	Numbers Only	Lowercase Letters	Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters	Numbers, Upper and Lowercase Letters, Symbols
4	Instantly	Instantly	Instantly	Instantly	Instantly
5	Instantly	Instantly	Instantly	Instantly	Instantly
6	Instantly	Instantly	Instantly	1 sec	5 secs
7	Instantly	Instantly	25 secs	1 min	6 mins
8	Instantly	5 secs	22 mins	1 hour	8 hours
9	Instantly	2 mins	19 hours	3 days	3 weeks
10	Instantly	58 mins	1 month	7 months	5 years
11	2 secs	1 day	5 years	41 years	400 years
12	25 secs	3 weeks	300 years	2k years	34k years
13	4 mins	1 year	16k years	100k years	2m years
14	41 mins	51 years	800k years	9m years	200m years
15	6 hours	1k years	43m years	600m years	15 bn years
16	2 days	34k years	2bn years	37bn years	1tn years
17	4 weeks	800k years	100bn years	2tn years	93tn years
18	9 months	23m years	6tn years	100 tn years	7qd years

 **HIVE**  
SYSTEMS

Cybersecurity that's approachable.  
Find out more at [hivesystems.io](https://hivesystems.io)

## The app's important screen outputs





