

PASSWORD SELECTION

PASSWORD SELECTION and CHECKING TECHNIQUES Module 2

SUMMARY	
Matched Branch:	0
Partially Matched Branch:	8
Mismatched Branch:	0
Extra Branch:	24
Total Match:	74.07 %
Concept Match:	94.12 %
Link. Phr. Match:	40.0 %
Misconception:	60.0 %
Hierarchy Match:	22.92 %

Grade: 45.44%

includes

Computer Generated
Passwords

Reactive Password
Checking

Proactive
Password Checking

User Education

represented
by

specified
by

interpreted
by

consists of

has the goal
of

defined by

Users have
trouble remembering
passwords
that are computer
generated

System periodically
runs its own
password cracker
to find guessable
passwords

User is allowed
to select
their own
password,
then the system
checks to
see if password
is allowable,
and if not,
it is rejected

Bloom Filter

Rule Enforcement

Password Cracker

Elimination
of guessable
passwords
while allowing
the user to
select a password
that is memorable

Users can
be told the
importance
of using hard
to guess passwords
and can be
provided with
guidelines
for selecting
strong passwords

outlined by

expressed
by

depicted by

Efficient
way to find
a user password
in a rejecting
words list

Specific rules
that passwords
must adhere
to, such as
all passwords
must be at
least 8 characters
long

Compile a
large dictionary
of bad passwords