

FeeFiFoFanner Schedule Generator

Specification of User's Security Pages

[Registration.php](#)

- ✓ read: email, password, password_confirmation
- ✓ else if email doesn't contain '@', notify and **stop**
- ✓ else if password = null, notify and **stop**
- ✓ else if password_confirmation ≠ password, notify and **stop**
- ✓ go to [RegistrationProcessing.php](#)

[RegistrationProcessing.php](#)

- ✓ receive from [Registration.php](#): email, password
- ✓ salt ← random integer from 100000 to 999999
- ✓ confirmation_code ← random string of 8 characters
- ✓ encrypted_password ← sha1(salt + password)
 - if email is already in [Registration](#), suggest [ResendCode.php](#) and **stop**
 - if email is already in [User](#), suggest [ForgotPassword.php](#) and **stop**
- ✓ insert into [Registration](#): email, encrypted_password, salt, confirmation_code
 - send e-mail with confirmation code
- ✓ if e-mail not sent, **stop** and suggest [send your code again](#) goes to [ResendCode.php](#)
 - notify (confirmation code sent)
- ✓ go to [EmailConfirmationForm.php](#)

[EmailConfirmationForm.php](#)

- ✓ read: email, entered_confirmation_code
 - receive from [RegistrationProcessing.php](#): email (to autofill form)
- ✓ if confirmation_code is null, notify
- ✓ else if email doesn't contain '@', notify
- ✓ go to [EmailConfirmationProcessing.php](#)
 - [resend code](#) goes to [ResendCode.php](#)

[EmailConfirmationProcessing.php](#)

- ✓ receive from [EmailConfirmationForm.php](#): email, entered_confirmation_code
- ✓ reg ← row in [Registration](#) that contains email
- ✓ if reg = null, notify and **stop** (email not registered)
- ✓ if reg.code ≠ entered_confirmation_code, notify and **stop** (wrong code entered)
- ✓ if email is already in [User](#), notify (email already confirmed)
- ✓ copy username, password, salt from reg to [User](#)
- ✓ delete reg
- ✓ notify (registration successfully done)
- ✓ go to [Login.php](#)

[ResendCode.php](#)

- ✓ reads: email
 - receive from [EmailConfirmationForm.php](#): email (to autofill form)
- ✓ go to [ResendCodeProcessing.php](#)

[ResendCodeProcessing.php](#)

- ✓ receive from [ResendCode.php](#): email
- ✓ confirmation_code ← random string of 8 characters
- ✓ if email is not in [Registration](#), notify and **stop** (not registered or already confirmed)
- ✓ user ← row in [Registration](#) that contains email
- ✓ user.code ← confirmation_code
 - send e-mail with code confirmation
- ✓ notify (confirmation code sent)
- ✓ go to [EmailConfirmationForm.php](#)

[Login.php](#)

- ✓ read email, entered_password
 - receive from [EmailConfirmationFormProcessing.php](#): email (to autofill form)
- ✓ if email doesn't contain '@', notify and **stop**
- ✓ else if password = null, notify and **stop**
 - [forgot password](#) goes to [ForgotPassword.php](#)
 - go to [LoginProcessing.php](#)

[LoginProcessing.php](#)

- ✓ receive from [Login.php](#): email, entered_password
- ✓ user ← row in [User](#) that contains email
- ✓ if user = null, notify and **stop** (email not registered)
 - if user = null and email is [Registration](#), notify (email not confirmed)
- ✓ get password, salt, temp_password from user
- ✓ if sha1(salt + entered_password) = password, go to [Main.php](#)
 - else if sha1(salt + entered_password) = temp_password, go to [ResetPassword.php](#)
 - else notify and go to [Login.php](#) (password is wrong, it is case sensitive, etc)

[ForgotPassword.php](#)

- read email
- if email doesn't contain '@', notify and **stop**
 - go to [ForgotPassword.php](#)

[ForgotPasswordProcessing.php](#)

- receive from [ForgotPassword.php](#): email
- temp_password = random string of length 8
- encrypted_temp_password = sha1(temp_password)
- user ← row in [User](#) that contains email
- user.temp_password ← encrypted_temp_password
- send e-mail with code temporary password
- notify (new password sent)
- go to [Login.php](#)

[ResetPassword.php](#)

- receive from [LoginProcessing.php](#): email
- read password, password_confirmation
- if password = null, notify and **stop**
- else if password_confirmation ≠ password, notify and **stop**
 - go to [ResetPasswordProcessing.php](#)

[ResetPasswordProcessing.php](#)

- receive from [ResetPassword.php](#): password, email
- salt ← random integer from 100000 to 999999
- encrypted_password ← sha1(salt + password)
- user ← row in [User](#) that contains email
- user.salt ← salt
- user.password ← encrypted_password
- go to [Login.php](#)

[Main.php](#)

- receive email from [LoginProcessing.php](#)
- ...