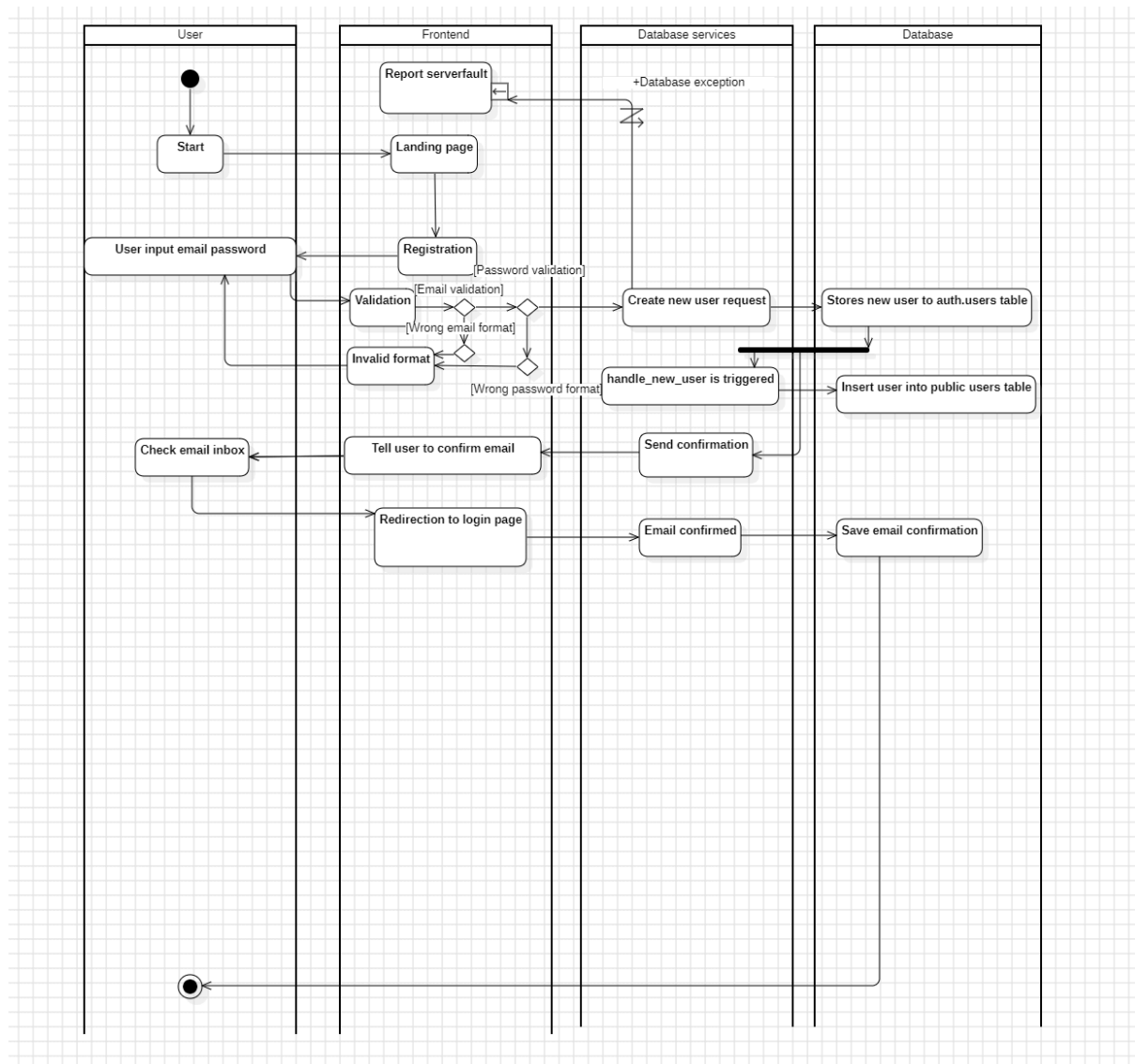Verner, Musa, Emil

Registering:

1. User : Represents the user
2. Frontend : Represents the user interface
3. Database services : Represents Supabase calls
4. Database : Represents Supabase database Functions

- Start : User goes to the web site
- Landing page : User arrives at the landing page
- Registration : User selects registration
- User input email, password : User enters email address and password
- Validation : Validates email address and password format

- Email Validation : Checks the email address and if it is wrong continues to the next function
- Password Validation: Checks the password and if it is wrong continues to the next function
- Invalid format : System notifies of wrong email format or password format
- Create new user request : If validation is completed successfully Supabase creates a new request to the database
- Database exception : Represents many different database exceptions and returns the next function
  - Report serverfault : System returns an error message to the user
- Stores new user to auth.users table : Stores user information to auth.users table
- Handle_new_user is triggered : Supabase makes necessary calls for other database changes
- Insert user into public users table : Database stores user to public users table
- Send confirmation : Supabase sends email verification
- Tell user to confirm email : System tells user to verify email
- Check email inbox : User checks email
- Redirection to login page : User is redirected to login page
- Email confirmed : Supabase lup request for email verification
- Save email confirmation : Database stores information about email verification