

SPL-02 Mid-o2 Presentation

Dhaka University Swimming Pool Management System

Ibne Bin Rafid
Roll : 1330

Eftekhar Mahmud Efty
Roll : 1309

Supervised By,
Abdus Satter
Assistant Professor
IIT, DU



It is a Web Project

Tools & Technologies

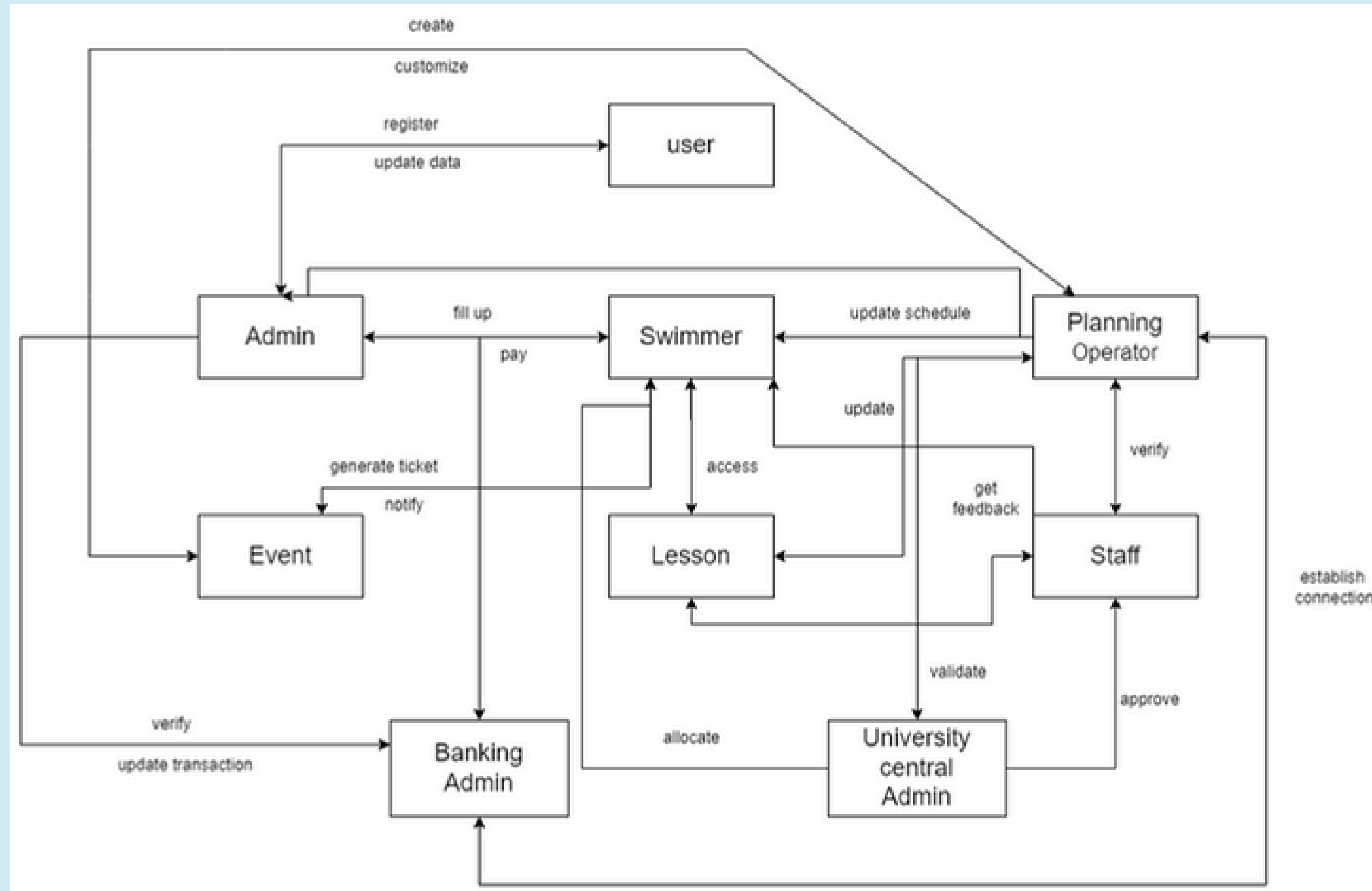


Our

Progress So Far

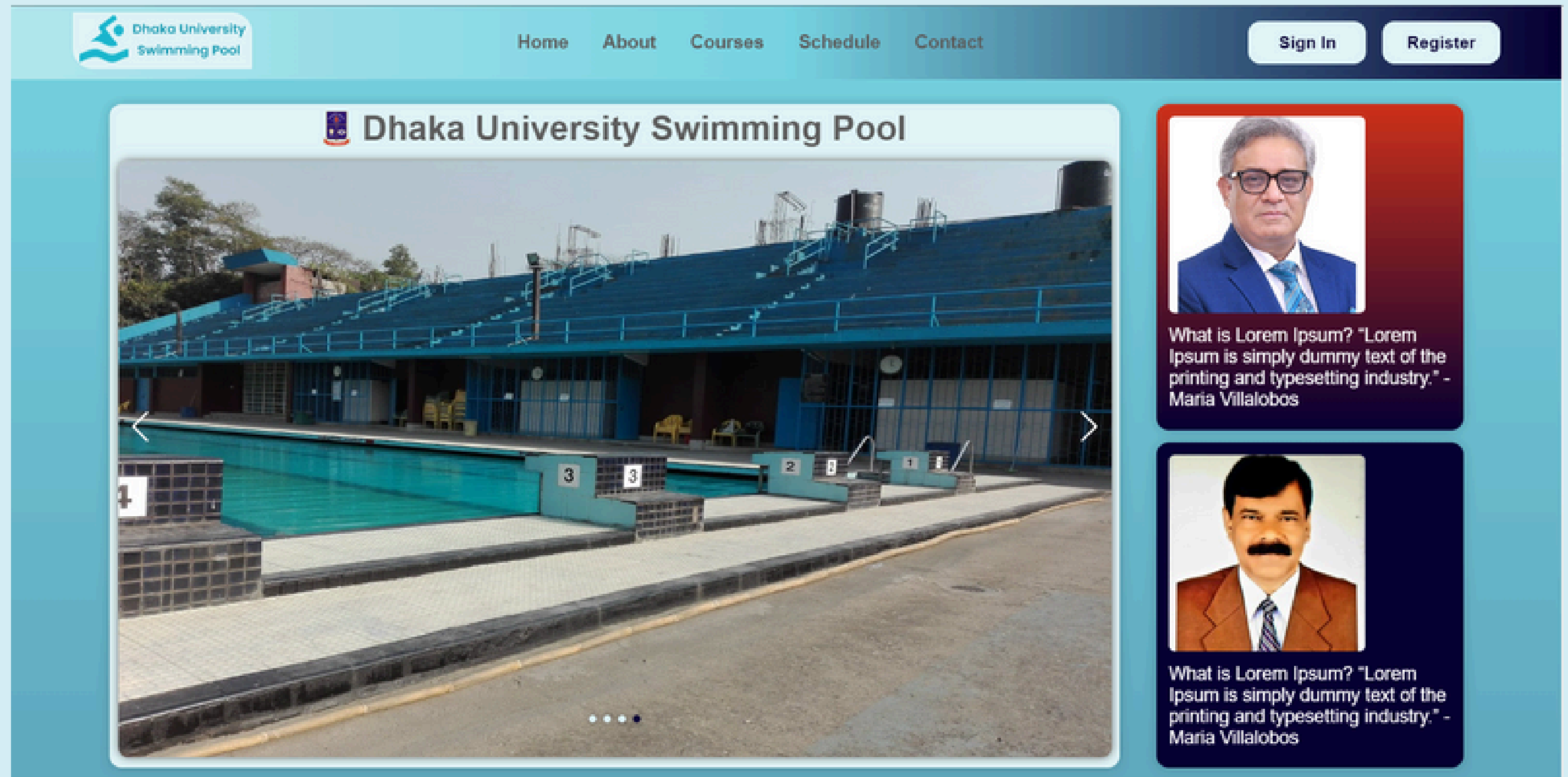
- Talked to Swimming Pool officials
- Fixed some features and working on them
- Worked on SRS
- Did background study
- Learned and still learning necessary languages & technologies
- Implemented Homepage, Authentication & course modules
- Still working on some modules

SRS change log



CRC

Homepage





- User-friendly interface for easy navigation
- Quick access to registration and login options
- Clearly segmented sections for swimmers, administrators, and staff
- Clean design with intuitive layout
- Visually appealing while maintaining functionality

Authentication

Sign in to Dhaka University Swimming Pool

Email

bsse1330@it.du.ac.bd

Password

••••••

[Forgot your password?](#)

Sign In



Swimmer Registration

Admin Registration

Staff Registration

- Users can register by clicking the “Register” button
- Three user types: Swimmer, Admin, Staff
- Users must choose their user type during registration
- User-friendly registration process

Home About Courses Schedule Contact

Swimmer Registration Form

Name

TH THABIR

Email

bsse1321@iit.du.ac.bd

Number

01824280787

Select a swimmer category:

General Swimmer

Date of Birth

05/31/2024

Registration Number for DU students

1233

Password

Submit

- Swimmers can register by clicking the “Swimmer Registration” button
- Swimmers need to fill up the form
- Set a password
- Submit when form is completed

Registration Data stored in the database

SPL-2.users

STORAGE SIZE: 34KB

LOGICAL DATA SIZE: 2149KB

TOTAL DOCUMENT

Find

Indexes

Schema Anti-Patterns ⓘ

A

Generate queries from natural language in Compass ⓘ

Filter ⓘ

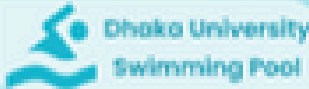
Type a query: { field: 'value' }



```
{
  "_id": ObjectId('643671b929d102f2ae13e35a'),
  "email": "bssel323q11t.du.ac.bd",
  "password": "am1achi",
  "cartData": Object {
    "number": "01824288787",
    "category": "Associate Member",
    "dob": 2024-05-08T00:00:00.000+00:00,
    "registrationNumber": "1233",
    "date": 2024-05-04T17:34:49.694+00:00,
    "v": 0
  }
}
```

```
{
  "_id": ObjectId('6437232a721c7d4b2fe76990'),
  "email": "bssel330q11t.du.ac.bd"
}
```

Courses Module

Dhaka University
Swimming Pool


[Home](#) [About](#) [Courses](#) [Schedule](#) [Contact](#)

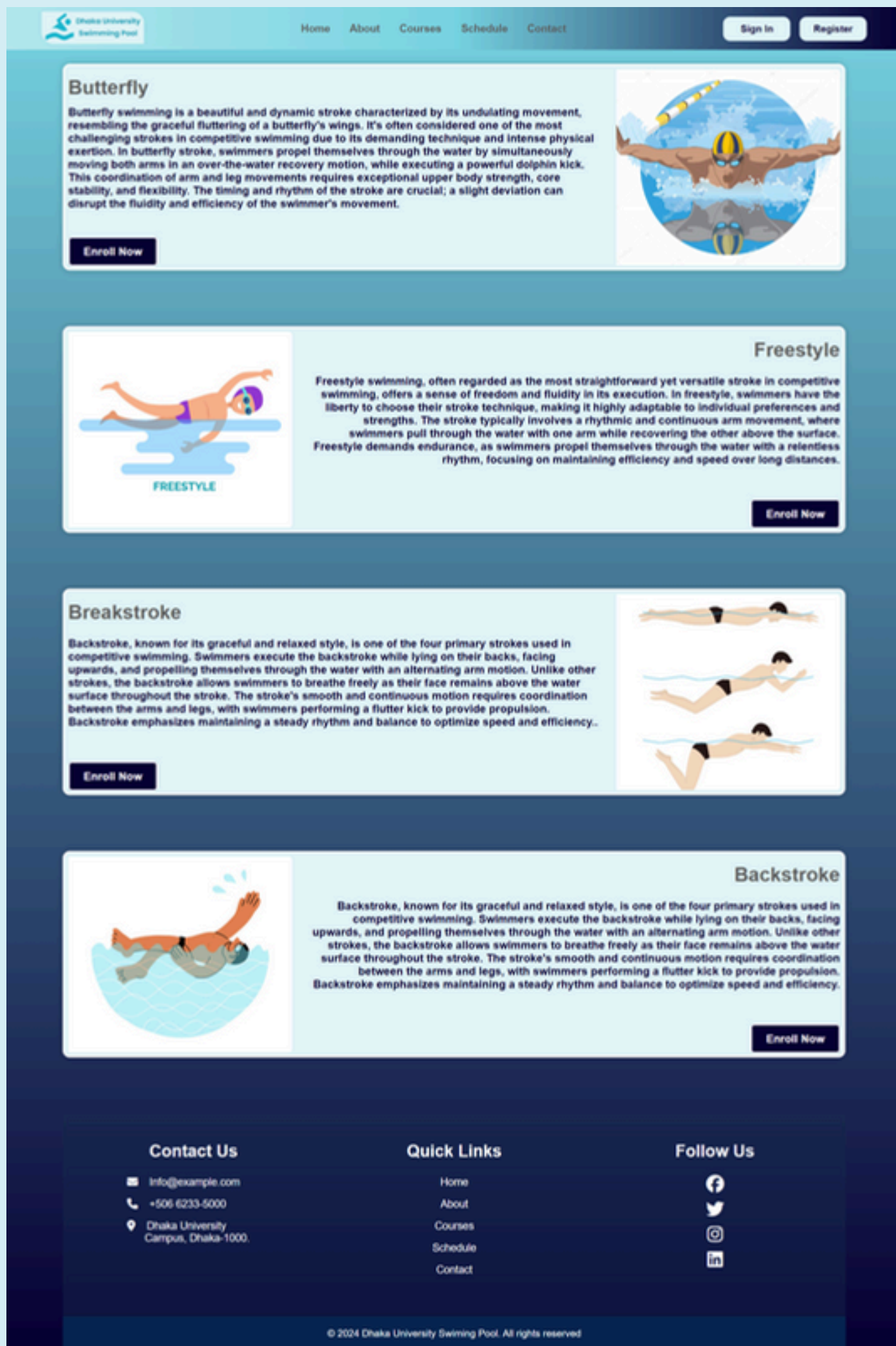
[Sign In](#) [Register](#)

Butterfly

Butterfly swimming is a beautiful and dynamic stroke characterized by its undulating movement, resembling the graceful fluttering of a butterfly's wings. It's often considered one of the most challenging strokes in competitive swimming due to its demanding technique and intense physical exertion. In butterfly stroke, swimmers propel themselves through the water by simultaneously moving both arms in an over-the-water recovery motion, while executing a powerful dolphin kick. This coordination of arm and leg movements requires exceptional upper body strength, core stability, and flexibility. The timing and rhythm of the stroke are crucial; a slight deviation can disrupt the fluidity and efficiency of the swimmer's movement.

[Enroll Now](#)





- Course catalog with descriptions
- Easy registration process
- User-friendly interface
- Clear instructions for registration



SRS Report

Figma Design

Github Repo



thank you
for your attention

