



**Daffodil**  
*International*  
**University**

**Department of CIS**

**Subject: Fundamentals of web Development**

**Assignment Title: Hill-Riders**

**Fall 2020, Marks:60**

## **Introduction**

Hill-Riders is Biking Club located in the Dhaka and was founded in 2017. It was formed to allow any riders to get together and take part in different riding. Although all kinds of bikers are catered for, generally it is the university students who attend most of the events and rides. The number of members has increased due to graduated students.

## **Scenario**

Hill-Riders is Biking Club is open at Thursday and Friday, and they organize events and rides for a range of abilities, covering different routes and difficulty of rides. The club has a calendar of events and there are two groups to choose from. The Regular group start at 7am promptly on a Friday morning and cover on average 150 km. The Hill riding group leave at 12.00am at Tuesday night and come back at 8pm at Friday. Regular group meet up for lunch at a local pub or eating place. New riders are always welcome.

The Cycling Club has approached you to develop a website that will promote the club to gain new members. They have provided the following basic requirements for the contents of the website:

- **An about us page:** This will describe the club, its location and brief history.
- **The groups page:** This will describe two different groups that riders can join which will include membership prices for different. And this page will link to **How to Join page**
- **A How to Join page:** This page will provide details on how to join the club and will include \a registration form.
- **An events page:** This will describe upcoming events and longer rides. This will include overnight stays and events such Hill biking that riders can take part in. There is also an annual dinner to celebrate the success of the club during the year. This page will also showcase older events and photos of that events.
- **A contact us page:** This page will display the contact details of the biking club.  
This page will need to include a HTML form that interested bikers can use to make enquiries to join the club. Users will need to enter their details such as name, email address, age and

level of cycling experience.

At the initial stage of the development process, you are required to make an HTML/CSS prototype of the website that will clearly show how the final website could work.

### **Part A – HTML (30 Marks)**

The website must be developed using HTML 5 and feature a minimum of Four (4) interlinked pages. The website must feature the content described above and meet the following criteria:

#### **Task A:**

1. Draw a wireframe diagram of Home page only
2. Demonstrate a good application of web design principles

#### **Task B:**

1. Be viewable on desktop screen without users having to scroll horizontally.
2. Produce a correctly structured form with range of elements.

### **Part B – CSS (20 Marks)**

Create a single external CSS file that specifies the design for the website. Each of the HTML pages must link to this CSS file. There should be no use of the style attribute or the <style> element in the website.

### **Part C – Critical Evaluation (10 Marks)**

You are required to write a short report (Max: 150 words) analysing the website you have submitted.

You should:

- Recommend improvements for further development of the website.

## **Guidance**

Consult with your tutor if you are uncertain about any aspect of this assignment.

## **Submission requirements**

- A wireframe diagram with information architecture,
- A folder containing your website

**Note: Zip all your files in a folder and submit the .zip file**

## **Additional Information for Clarification**

The website must be developed using HTML 5 and CSS and JavaScript. No framework should be used.

Also, copying anything directly from anywhere and using template will carry no score and will be declared as plagiarized

**End of Assignment**