CS 341: Web Technologies

LAB EXERCISE 2 (Friday, 8th September 2021) **[30 POINTS]**

Instructions: This lab aims to guide you to think about the Web Content Structure and the future of the web.

You are to complete this lab in a team of **four students**. Take note that this team will be used for your labs as well as your team projects this semester. Ashesi Honour Code applies here!

Submission: By 11:55pm on Sunday 12th September 2021

Questions
1. **[25 points]** You are tasked as the new Web Developer for Ashesi University to recreate the current Ashesi University's website at Setting a global standard for leadership in action: read Ashesi's 2020 Annual Report - Ashesi University. Refer to image below:

Do realise that your task requires you to develop only the landing page (i.e. index.html) of the Ashesi University website. Since we have discussed and practiced with HTML 5 in class, you are expected to use HTML 5 elements/tags and relevant attributes to develop a website as close as possible to Ashesi University's landing web page.
NB: Do not use CSS nor JavaScript to affect the presentation and behaviour of the web page.

2. **[5 points]** As part of the future trends of the web we introduced Web Application, Everything-as-a-Service (XaaS) in the Cloud, Internet of Things (IoT)

and Blockchain. Do a bit more research on **Progressive Web Application** and summarise your understanding of in a paragraph. Identify and discuss 3-5 features of Progressive Web Development.
[**Hint:** A paragraph should be about 5 to 10 sentences]