 **COMSATS University Islamabad Lahore Campus**

**Lab MID Term – Spring 202****3**

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| Course Title: | Mobile App Development | | | | Course Code: | | CSC 303 | Credit Hours: | 3(2,1) |
| Course Instructor/s: | Akhzar Nazir | | | | Program Name: | | BS CS, BS SE | | |
| Semester: | 5th 6th 7th | Batch: | SP 21 | Section: | A,B,C | | Date: | 14-04-2023 | |
| **Time Allowed:** | **90 Minutes** | | | | **Maximum Marks:** | | | **25** | |
| Student’s Name: |  | | | | Reg. No. |  | | | |
| **Important Instructions / Guidelines:**   * Avoid overwriting and cutting. * Read the questions carefully. | | | | | | | | | |

**Problem Statement [25 credits]:**

**Consider a live Ecommerce API server that give the following response when the API end point (****https://fakestoreapi.com/products) is sent an http get request:  
[**

{  
id: 1,  
title: "Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops",  
price: 109.95,  
description: "Your perfect pack for everyday use and walks in the forest. Stash your laptop (up to 15 inches) in the padded sleeve, your everyday",  
category: "men clothing",  
image: "https://fakestoreapi.com/img/81fPKd-2AYL.\_AC\_SL1500\_.jpg"  
},

]

**and so on …….**

**Develop one page React Native App with following functionality [Before start download the code from the given repo** <https://github.com/akhzarna/custombuttonandapi>

1. Using Custom Hooks to send an HTTP [GET] request using fetch or axios to server, fetch all records – **[5 Marks]**
2. Move all inline styles to internal or external styles - **[5 Marks]**
3. Shift maximum code from App.js file to Custom Hooks, Custom buttons if needed - **[5 Marks]**
4. Display all records in Section List - **[5 Marks]**
5. Display the results according to given design below - **[5 Marks]**

**Design Should be like this [You main focus should be on height of the rows, first 2 rows height is more than the others height]**



