

CS22310 - User Centred Design and Human Computer Interaction

North Ceredigion Fitness Website Prototype Development

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1 Introduction

2 Task Analysis

2.1 Who is Involved

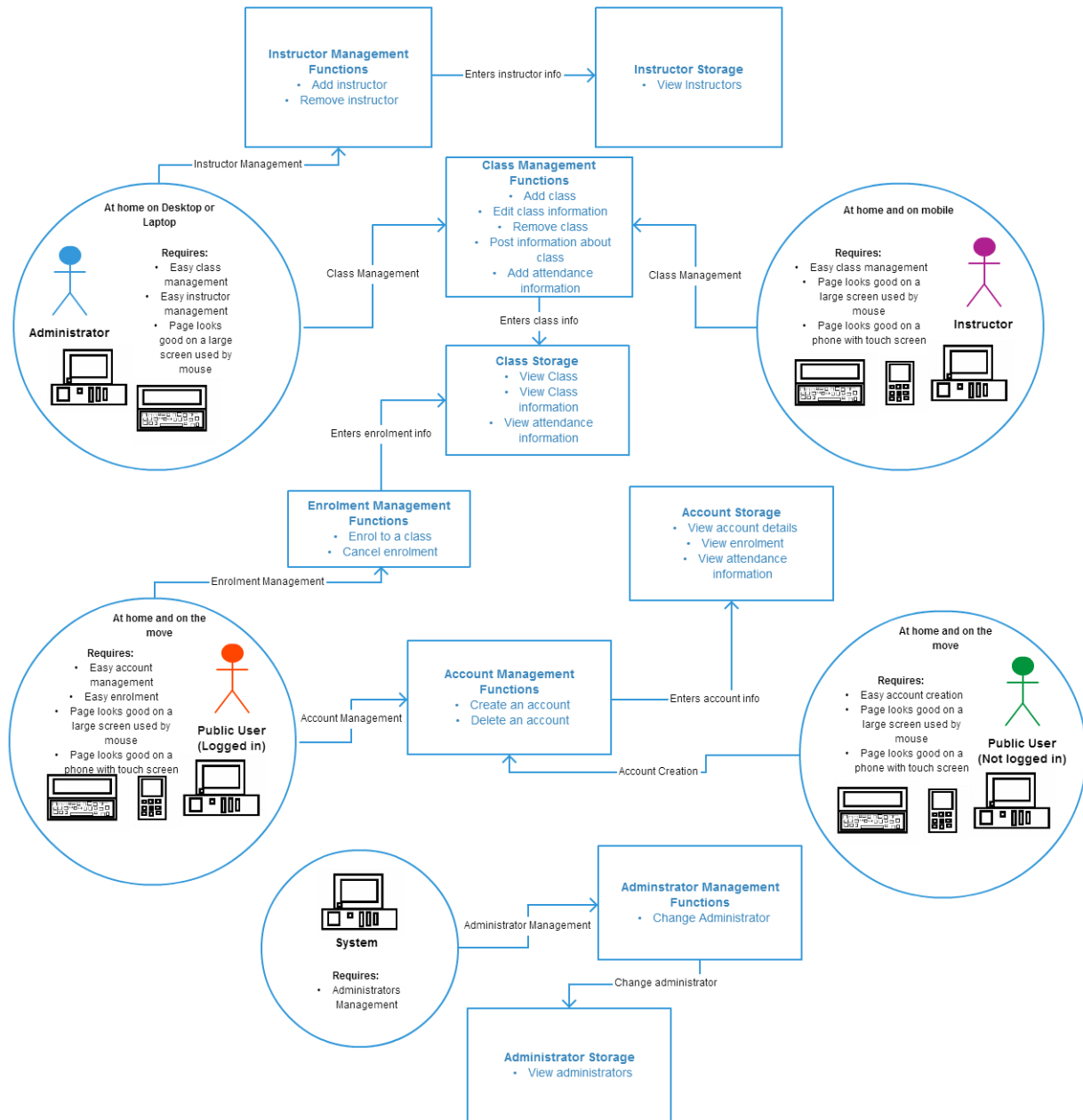


Figure 1: Rich Picture

2.2 Tasks the System Performs

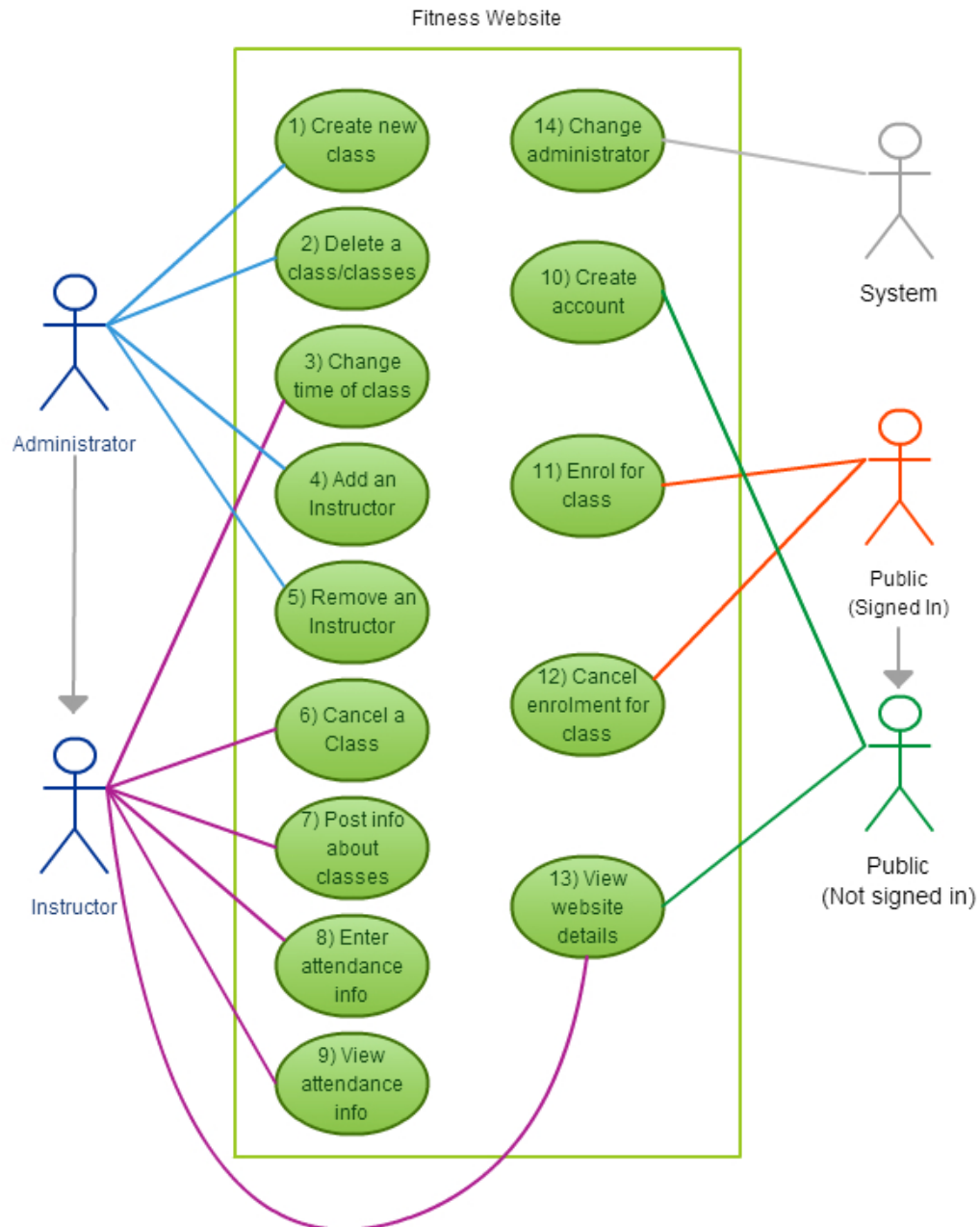


Figure 2: Use-Case Diagram

2.3 How Tasks and Data Relate

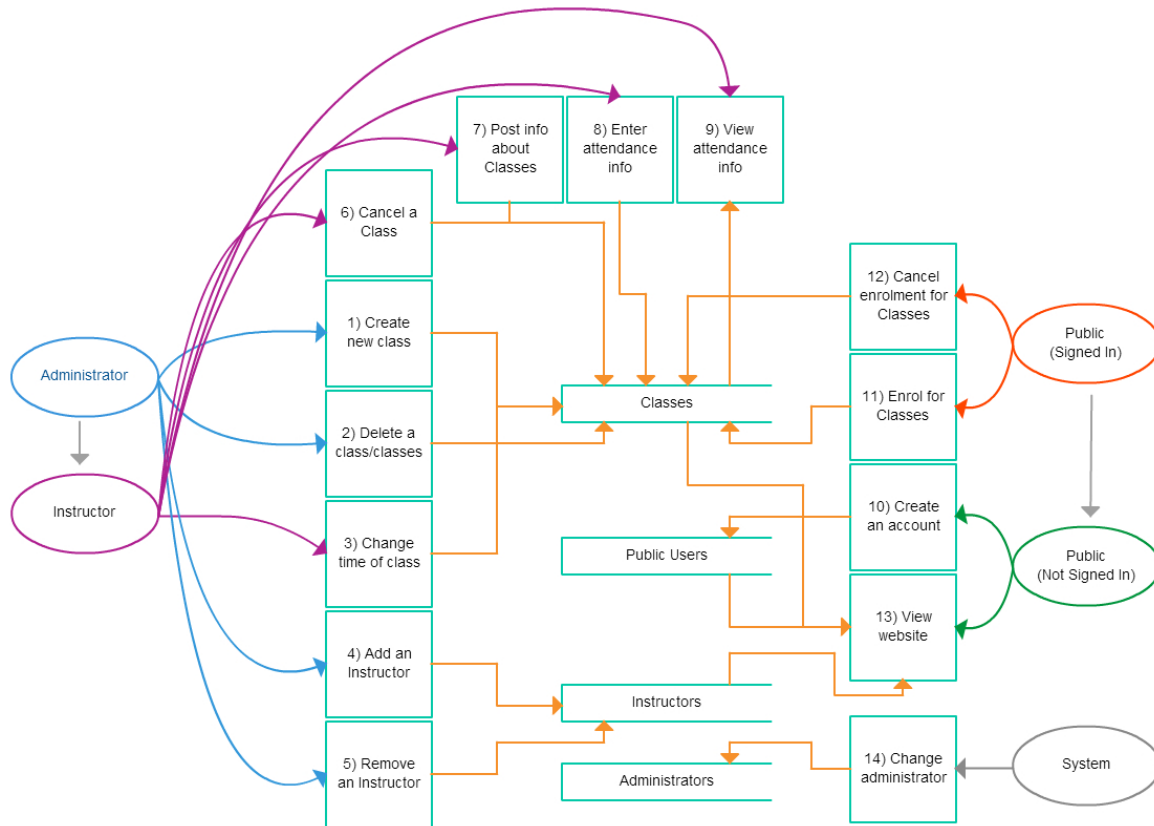


Figure 3: Dataflow Diagram

2.4 How Tasks are Related

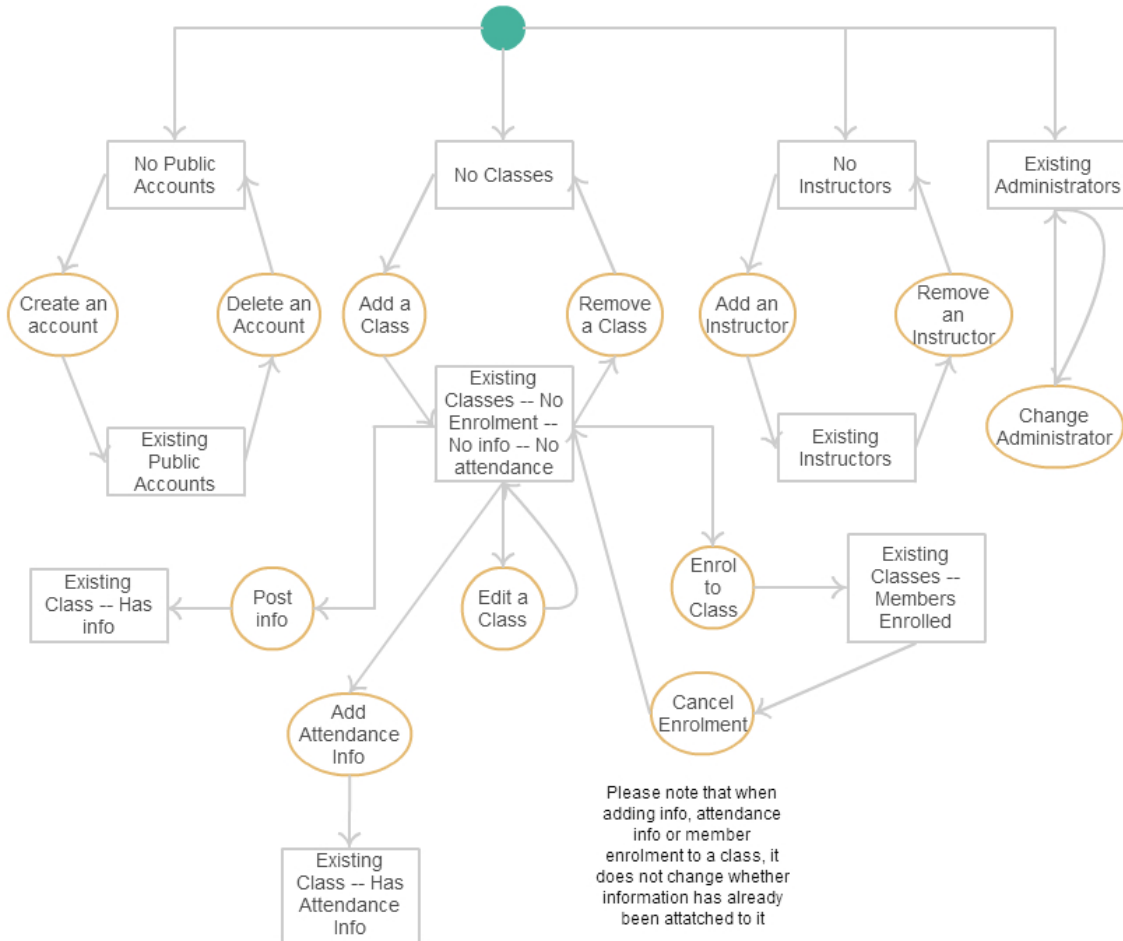


Figure 4: State Transition Diagram

3 High-Level Design

3.1 Style of Interaction

3.2 Navigation

3.3 Sketches of UI

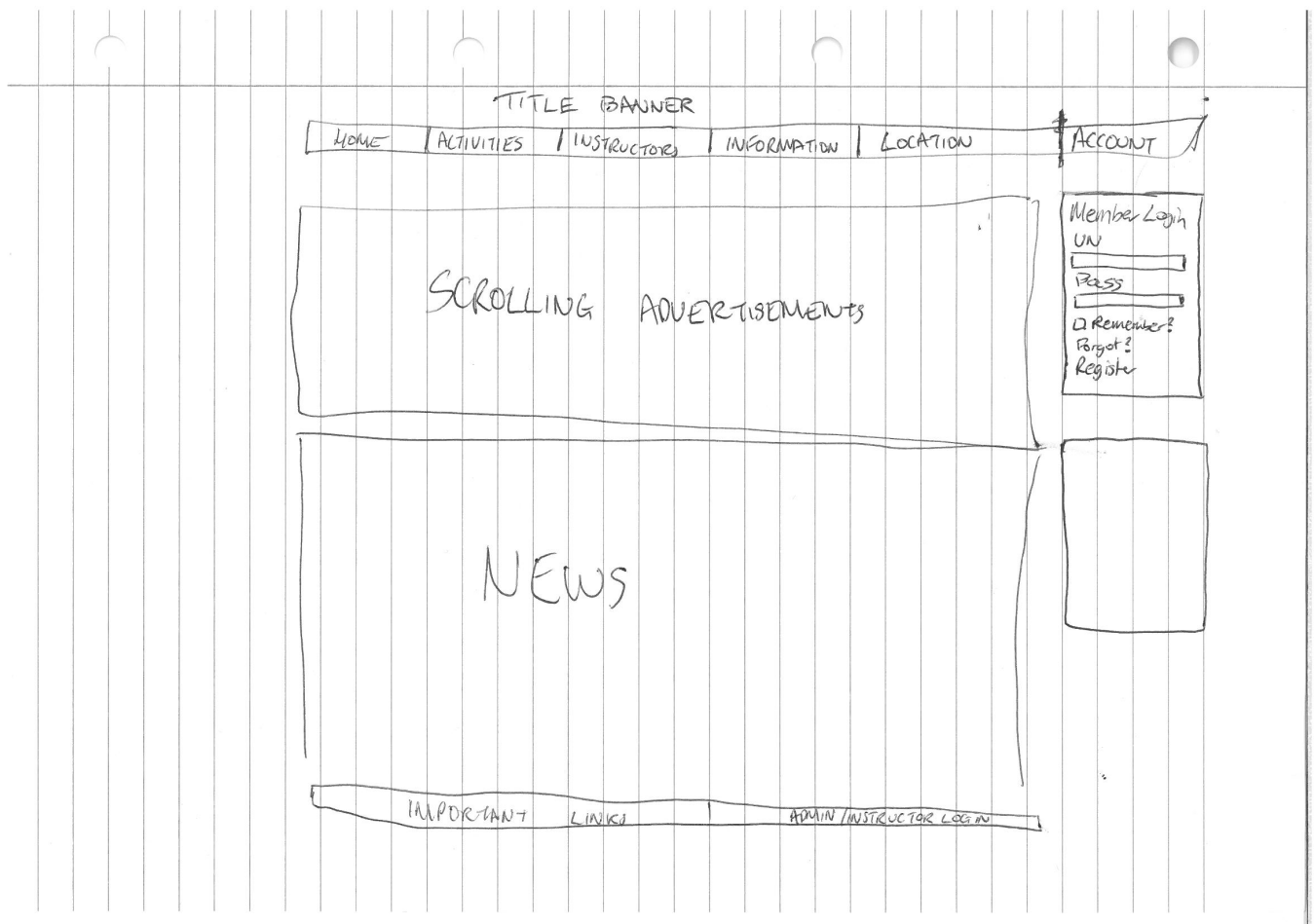


Figure 5: Homepage

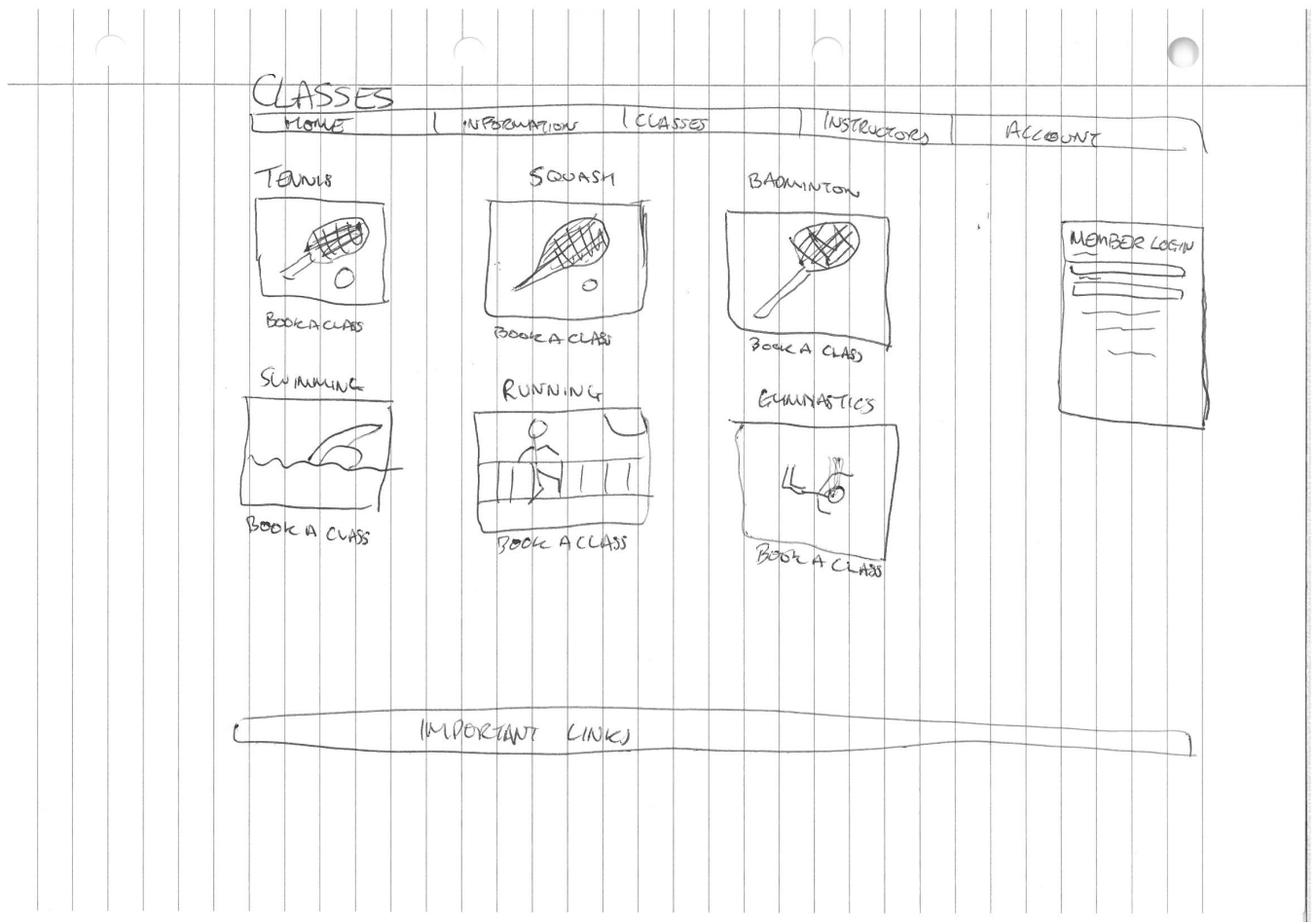


Figure 6: Class Listings Page

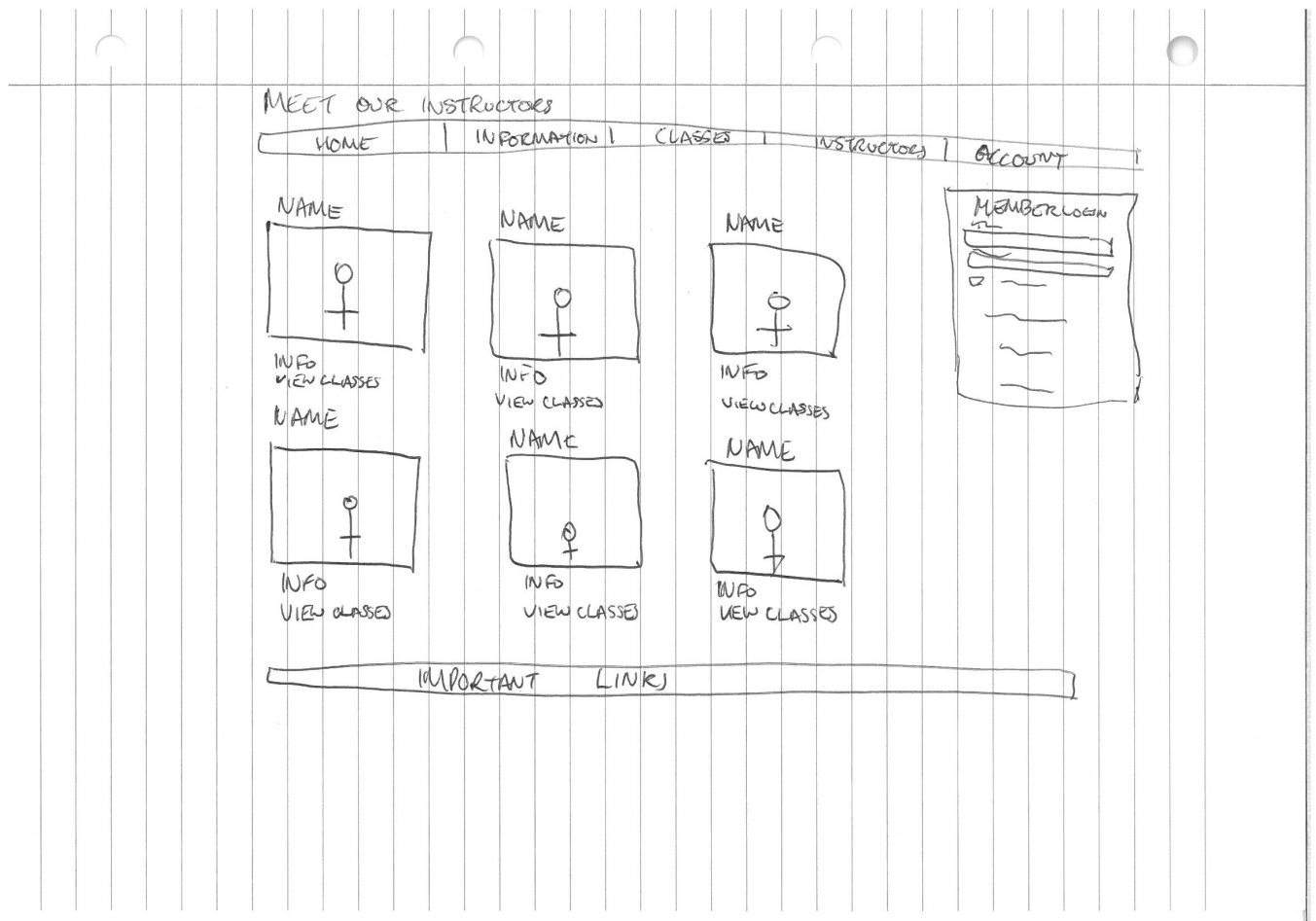


Figure 7: Instructors Listing Page

A hand-drawn sketch of a login page layout on lined paper. The sketch includes a navigation bar with links: HOME, INFORMATION, CLASSES, INSTRUCTORS, and ACCOUNT. Below the navigation bar, there is a section for logging in, with fields for USERNAME and PASSWORD, a checkbox for 'Remember Me', and links for 'Forgot?' and 'Register Account'. There is also a section for 'Admin/Instructor Login'. At the bottom, there is a footer bar with the text 'IMPORTANT LINKS'.

YOUR ACCOUNT

HOME | INFORMATION | CLASSES | INSTRUCTORS | ACCOUNT

LOG IN

USERNAME

PASSWORD

☐ REMEMBER ME

FORGOT?

REGISTER ACCOUNT

ADMIN/INSTRUCTOR LOGIN

IMPORTANT LINKS

Figure 8: Login Page

YOUR ACCOUNT

HOME	INFORMATION	CLASSES	INSTRUCTORS	ACCOUNT
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YOUR DETAILS

NAME

VIEW YOUR TIMETABLE

VIEW YOUR ATTENDANCE

MANAGE YOUR CLASSES

MANAGE INSTRUCTORS

IMPORTANT LINKS

ADMIN LINKS

INSTRUCTOR LINKS

Figure 9: Account Management Page

4 Analysis of Prototype