North Ceredigion Fitness Website Prototype Development

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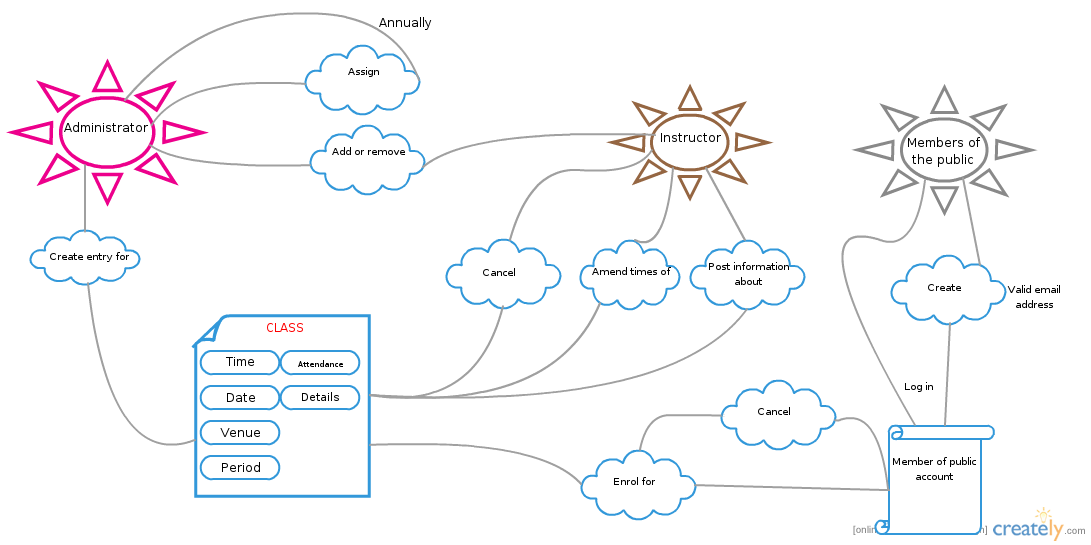
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# Task Analysis

For the Task Analysis, I have used the lecture slides as a reference in order to have four main parts: the Rich Picture, Use Case, Data Flow Diagram and State Transition Diagram. These diagrams will be illustrated below.

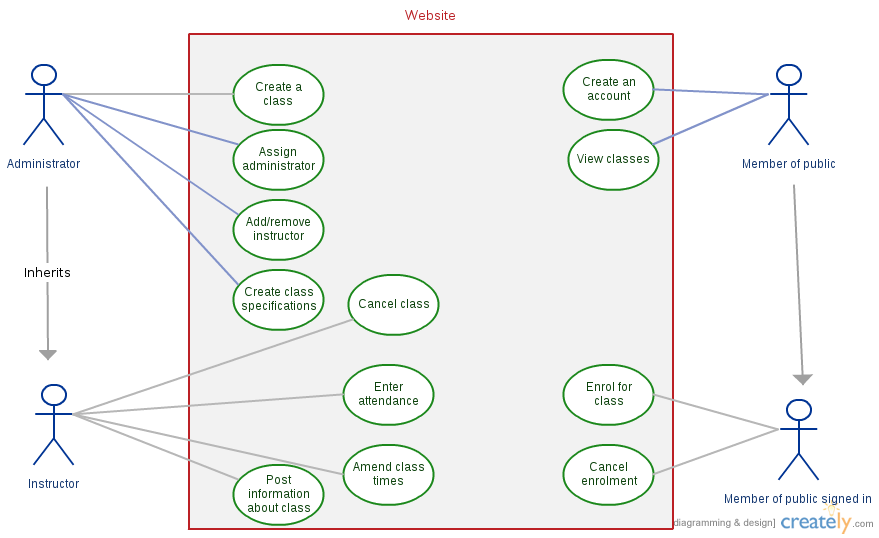
## Rich Picture

The below image displays who and what is involved within this project. As displayed below, there will be three main users; the administrator, instructor, members of the public. These members of the public can create an account and become a member of the public with an account; however they will still be the same user. Administrators, reassigned annually, and instructors can manipulate classes, while the members of the public can view them. Signed in members of the public can enrol for them.



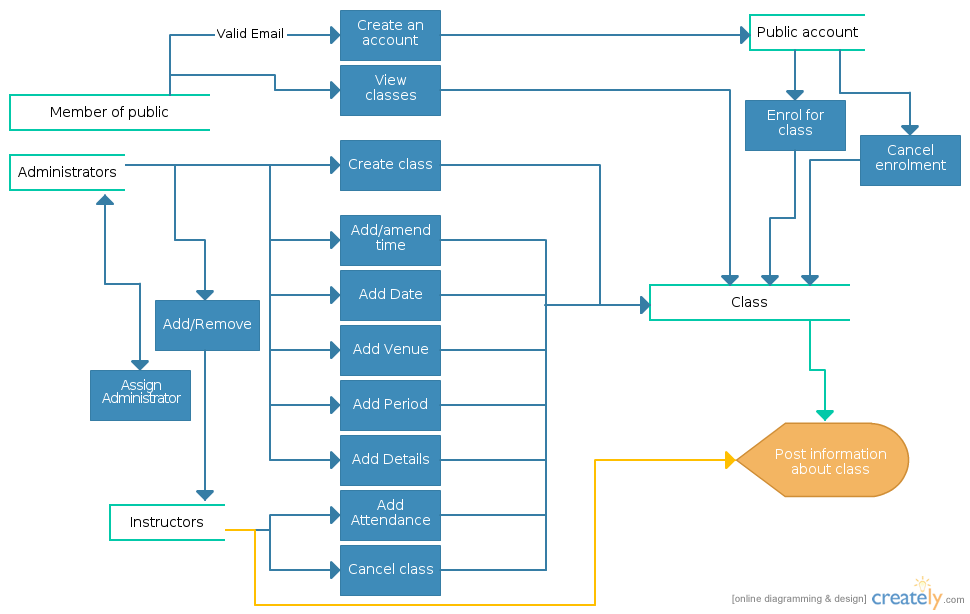
## Use Case

The below diagram displays what the types of memberships can do what within the website. The diagram also displays that an administrator can inherit all abilities of an instructor. The member of public signed in can also make use of all the abilities of the member of public.



## Data Flow Diagram

The below diagram displays how data will flow through the system, and the course of actions for the users. Inheritance is displayed within this diagram too.



## State Transition Diagram

The below diagram displays all of the different states within the system. It will display how the states change due to actions by users, and displays all the possibilities of these actions.

