

ECT 455 – Fall 2011

Silver team

Deliverable C

Functional Requirements

Modules 1 – Search

As a part of our site we have decided to implement the search module. The searchable content will be housed in the database and will be accessed via SQL query. Users will have the ability to search for team information, player information, and several different key word categories.

Module 2 – Register

As a part of our sites functionality we have decided to give users the option to create a profile. This information will be stored in the database in the user information table. Though this function is available it's not required to navigate the site.

Module 3 - Dynamic Content

Once authentication has occurred the content on the site will change based criteria selected by the user. For example, if the user chooses the Bulls as his favorite team then the content will display Bulls information on the front page. Furthermore, the background and overall theme of the site will change bases on this selection.

Module 4 - Personal Profile

Each user that registers with site will have the ability to modify the look of the page. Users can put pertinent information on their page in places where they can easily access.

Module 5 – Calendar

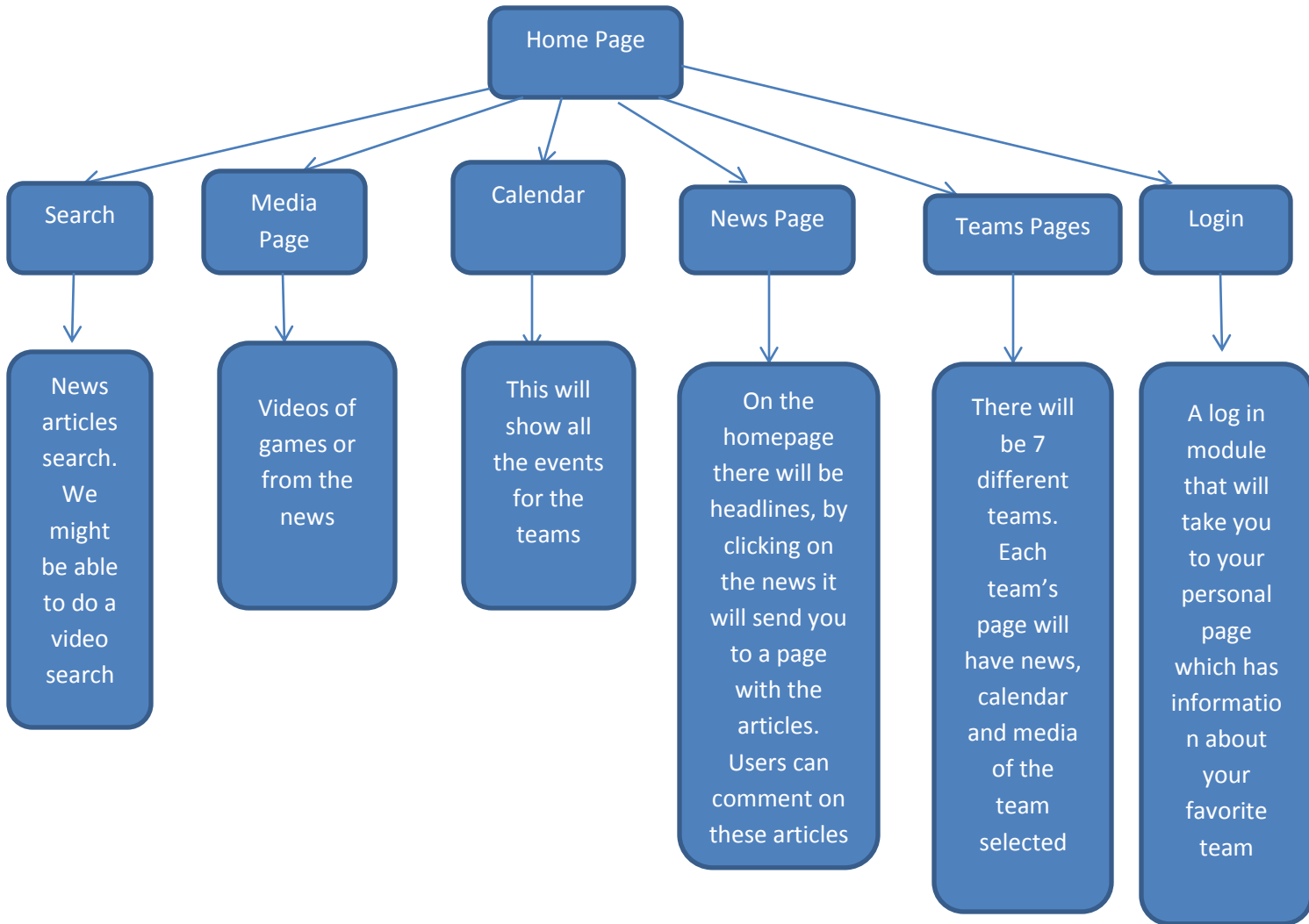
We decided to add a calendar function to the site. The calendar will display schedule for sporting events. This information will be housed in the database in the team in formation table.

Module 6 - Link Click Counter

When a user uses our site to access the sites posted on our page each of these interactions will be counted. The number of interaction will be stored in the data base in the websites table.

Information Architecture

Site map

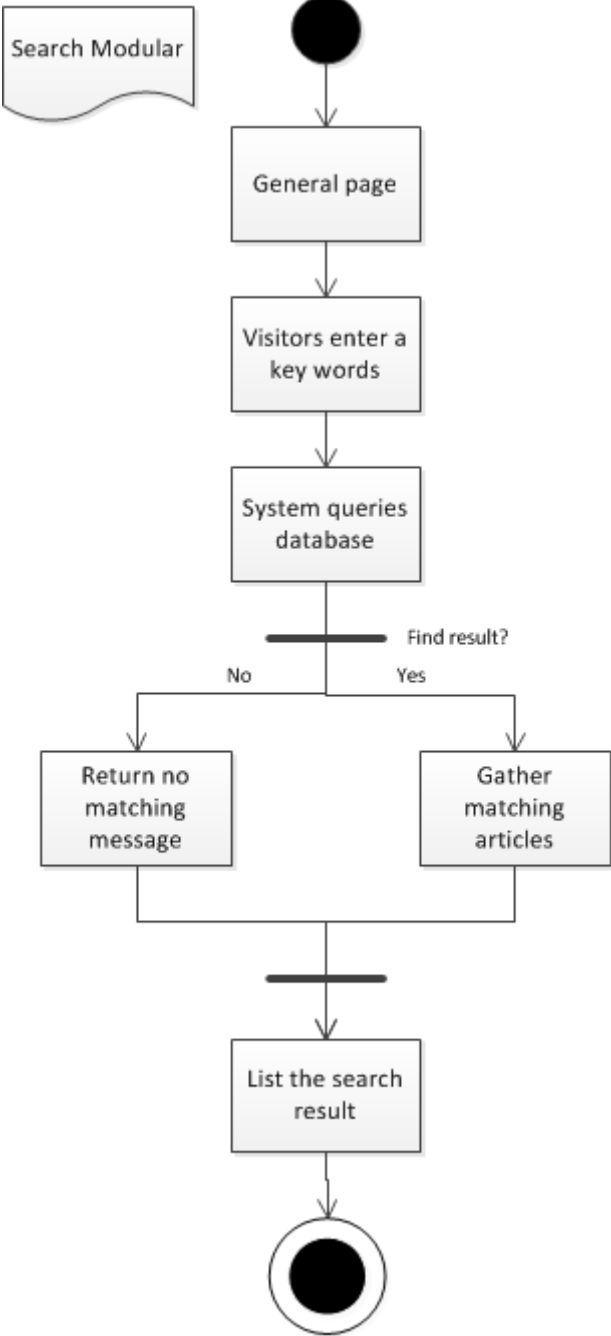


High Level Process Flows

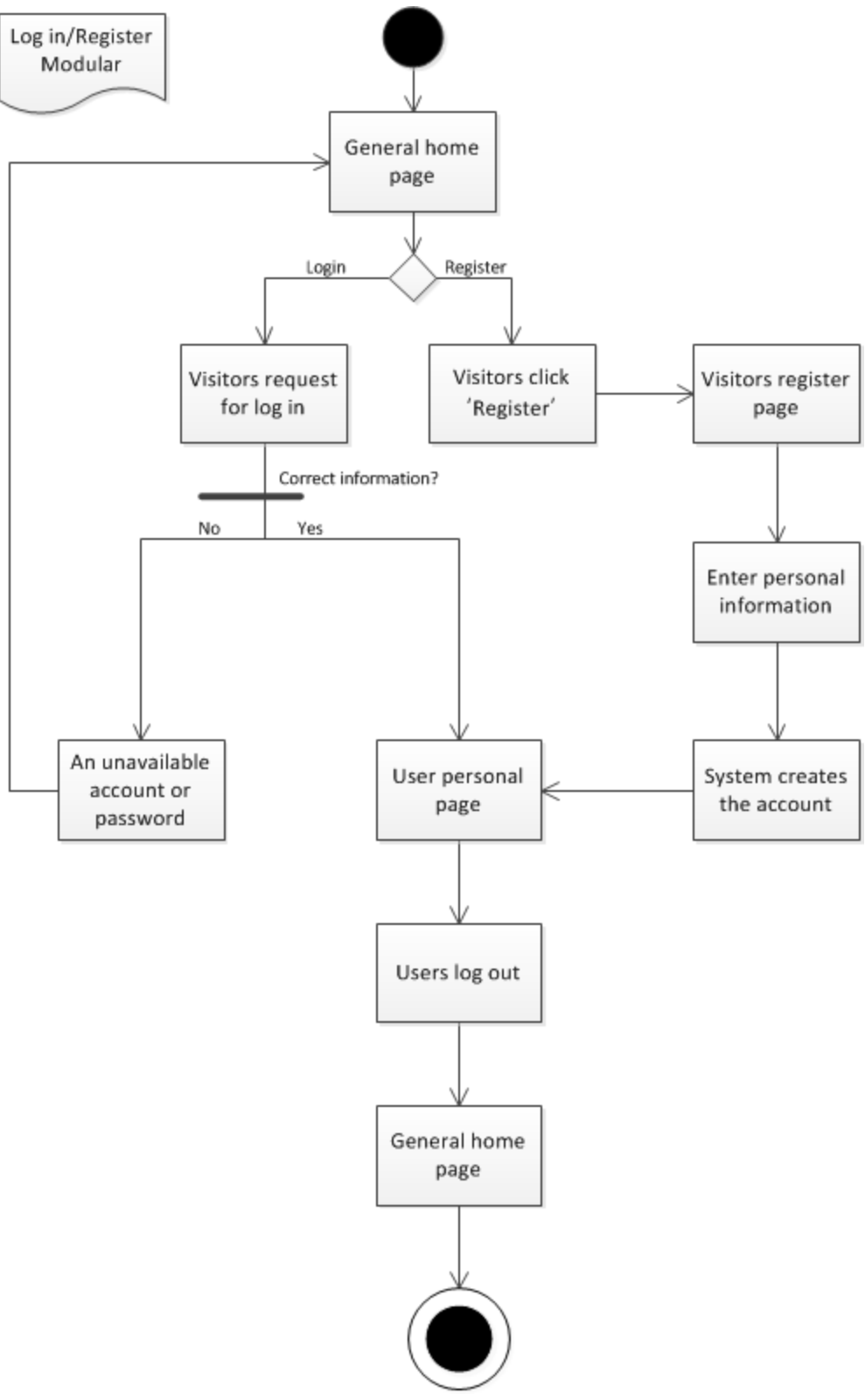
Use case diagram



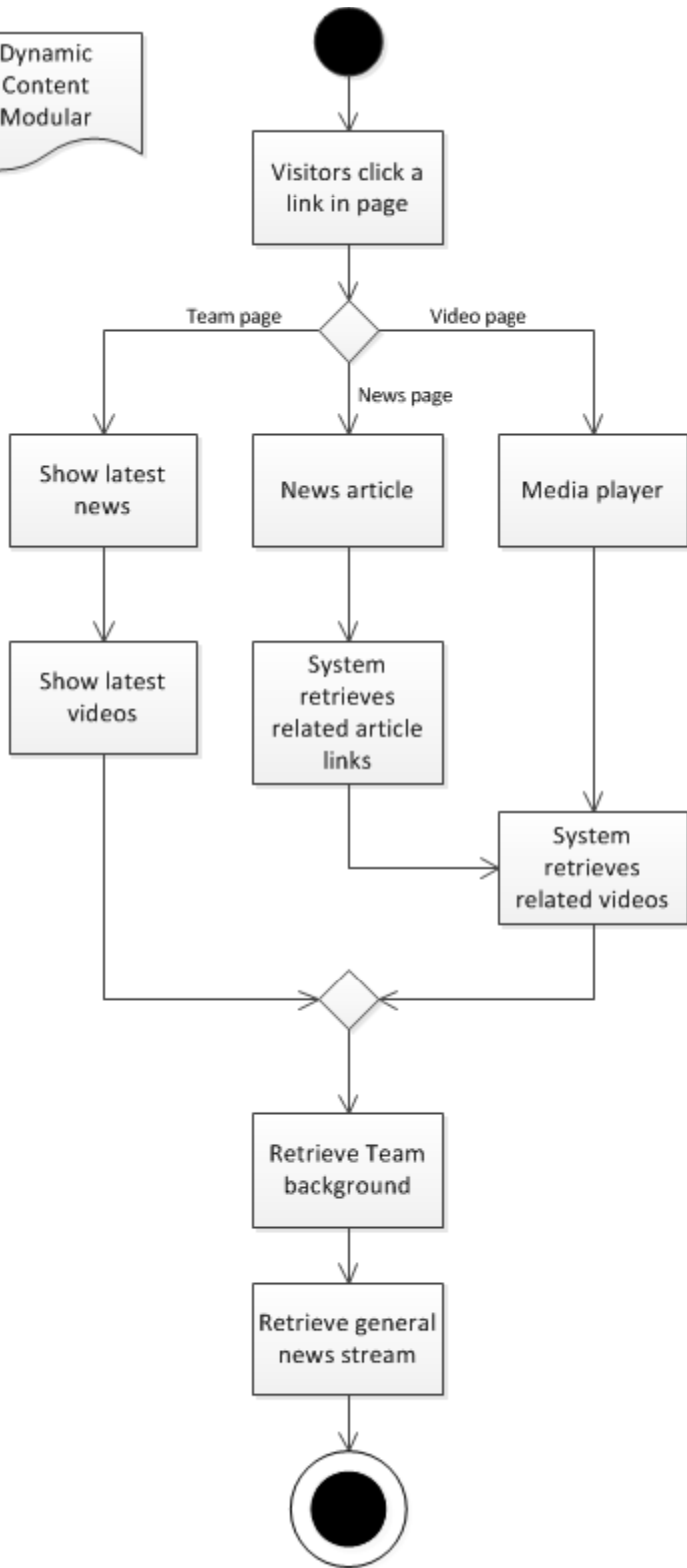
UML activity diagrams



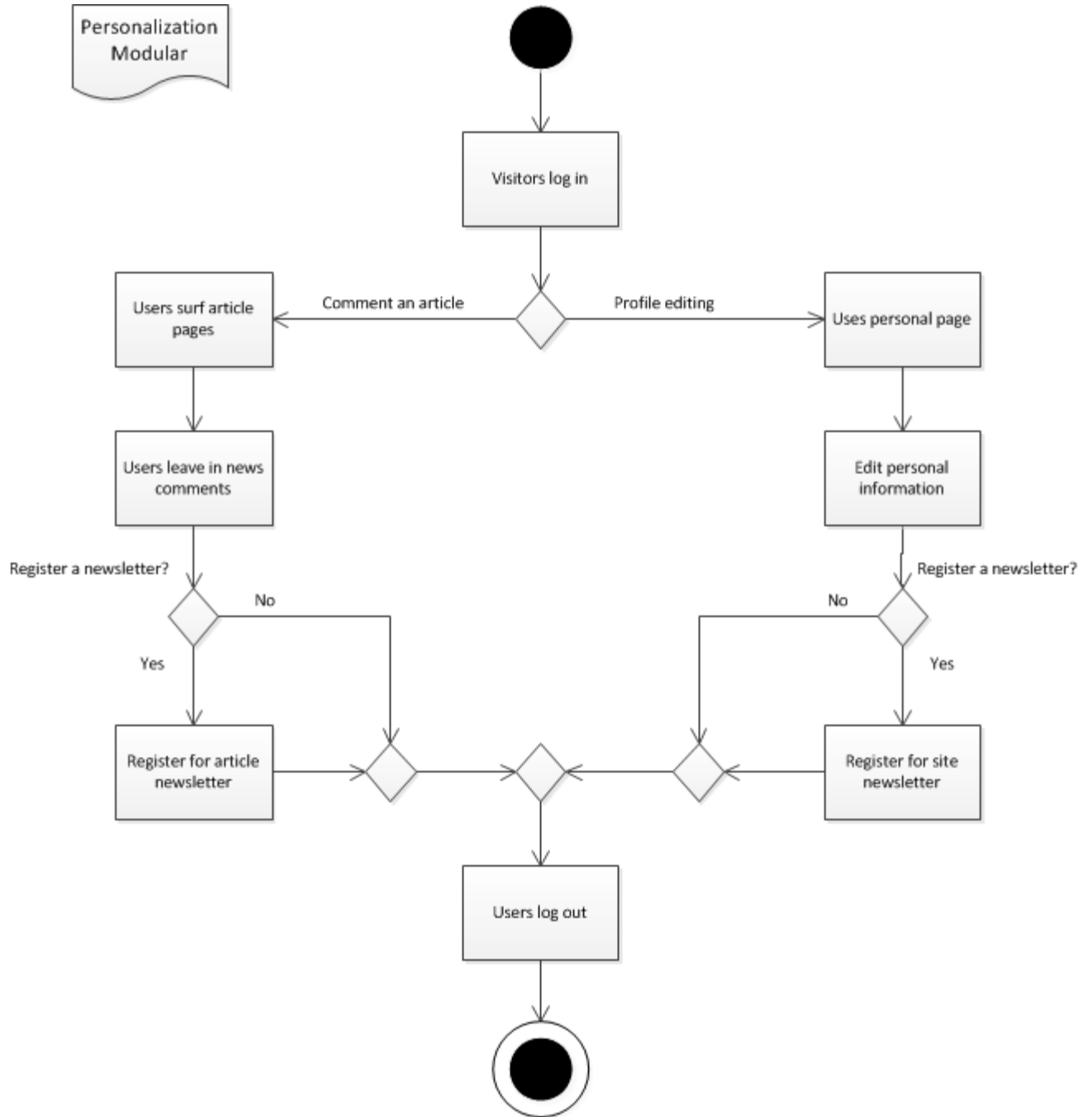
Log in/Register Modular



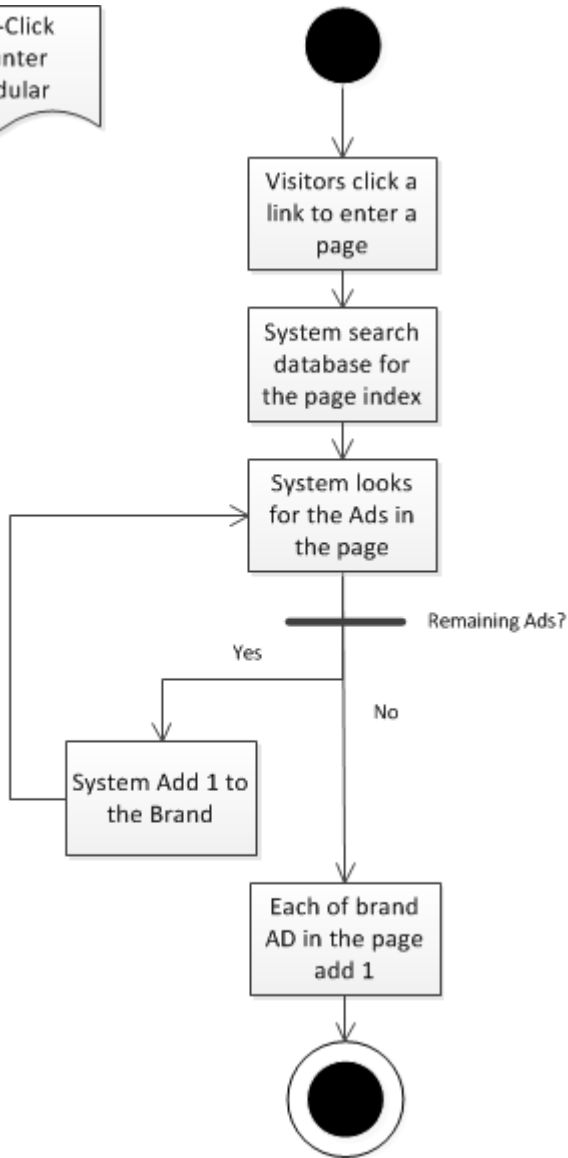
Dynamic Content Modular



Personalization Modular



Link-Click Counter Modular

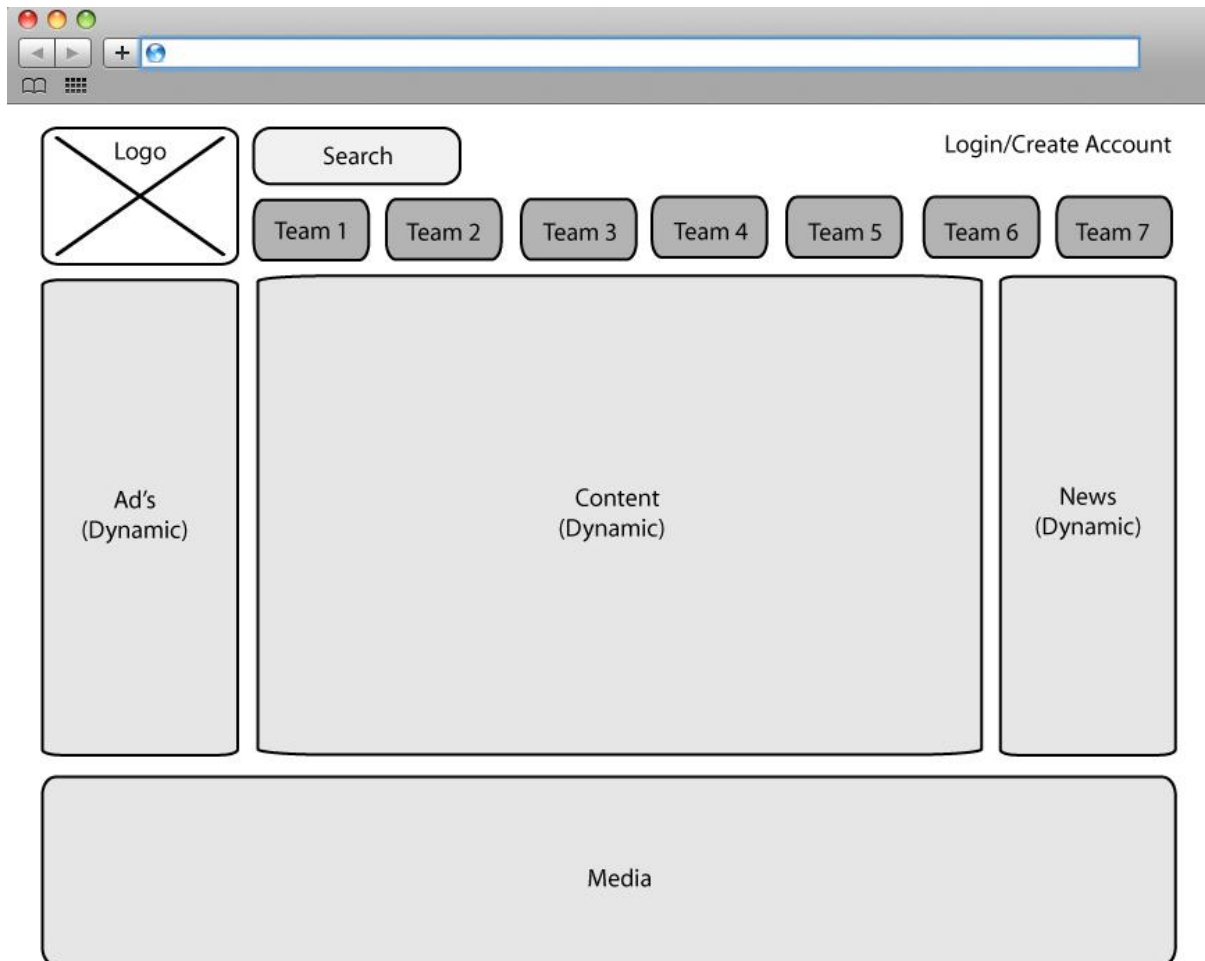


Interface requirement and wireframes

Interface requirements

We will use 1024x768 resolution. Javascript will be used for validation. A global css will be used for formatting.

Wireframe – website home page

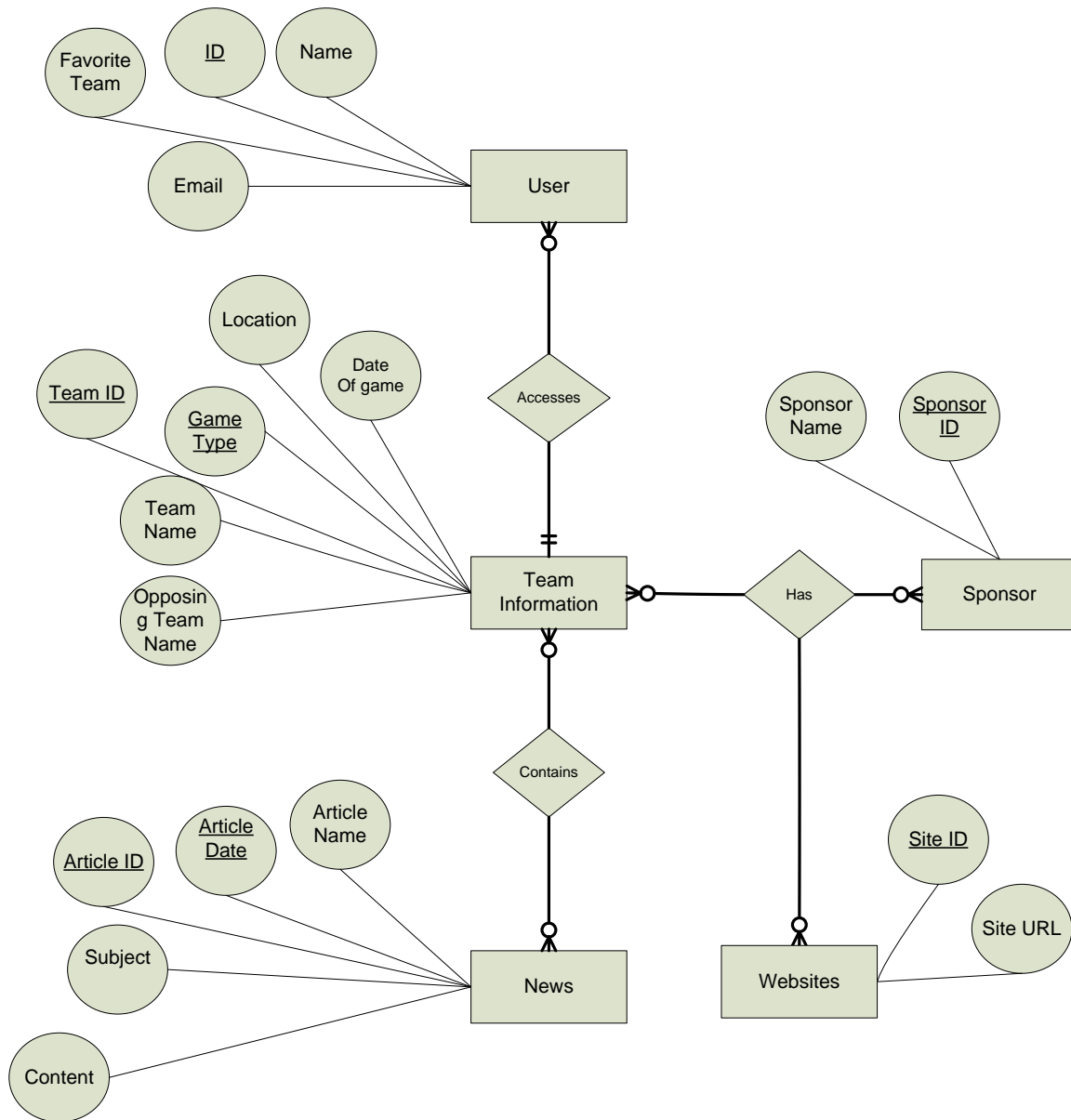


The navigation bar will lead users to different sports teams. So the website can filter news, calendar and videos of the sports team chosen by the user. Content part in the middle is the schedule of all the games and events. On homepage, news, calendar and videos media will be shown as timeline. After user chooses any team, only contents of that specific team will be shown.

Wireframe – Mobile site homepage



Information and data requirements



Website template

URL: <http://ectweb2.cs.depaul.edu/silver46/website/index.html>

URL: <http://ectweb2.cs.depaul.edu/silver46/mobile/index.html>

Team member contribution

Team Member	Zach Mulholland	Pou-Chang (John) Chen	Qiong Yuan	Melvin Hines	Abdeen Sendi
Contributions	Interface requirements and Wireframe	High level process flows	Template, and team website	Functional, informational and data requirements	Information architecture