

Oval Ski Club

Specification

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1. Project Overview

The owners of Oval Ski Club require a promotional site, which will allow them to provide information about their sessions to users. In addition to this they will have a member's area whereby users can pay fees, communicate with other members and keep up to date with personal newsletters.

2. Scope of Work

2.0 – Professional Site Design

The design needs to be modern, clean and have a feel for skiing. It also needs to be built in consideration of visually impaired users.

The usability and navigation of the site will be of utmost importance in the organizational architecture of the site. Thorough research from other websites will be adapted into Oval Ski Club to ensure greater user experience.

Website Design

- Home
- Learn To Ski
- Club Sessions
- Racing Team
- About Us
- Contact Us
- FAQ

[Figure 1 & 2 in Appendix]

2.1 – Scenario

The website targets almost everyone who has an interest in skiing or wanting to learn to ski. Below is an example of a basic user scenario on how a certain user would interact with the website.

Dave – Occupation: Part Time Taxi Driver (Not a member of Oval Ski Club)

Dave, your regular taxi driver, has a family of two children in which both want to start attending skiing lessons. Now Dave finds this being a good opportunity to make it a family fun session once every week. Dave searches on his favourite search engine, "Ski Lessons Merseyside". Oval Ski Club happens to be at the top of the results. Dave clicks on this. Via the website Dave is able to read up on what sessions are available and immediately register/pay online for a session. Now that he is booked into a session, he is unsure of what is needed. Dave reads the FAQ page to look for some answers. Unfortunately the answer wasn't on the FAQ page therefore Dave goes to the "Contact Us" page and fills in an online form.

Within a few days Dave has got an email reply from Oval Ski Club and he and his family are now ready to attend the session.

[Anna - Oval Ski Club Member](#)

Anna is already an Oval Ski Club member. She has completed 3 block of the beginner's course and now she wants to book herself into the intermediate sessions. She goes direct to the Oval Ski Club website, logs into her account, and then books/pays for the intermediate sessions.

3. Timeframe

Based on the requirements of this website, it is estimated that the project would take up to 2 weeks (10 business days) to complete.

- Research – (2 days)
- Media Collation & Editing – (1 day)
- Website Implementation – (6 days)
- Debugging (1 day)

After project completion it is then required for Oval Ski Club to sign the project off as completed.

4. Technical Notes

- Login Form – This should not only redirect to the home page on successfully logging in but also enable member's navigation. On an unsuccessful log in, an alert should appear to notify the user.
- Register Form – On successfully registering an alert should appear to notify the user that their account has now been registered. On unsuccessfully registering an alert should appear to notify the user the specific error.

[Validation on Login Form](#)

- Check the data in the fields are alphanumeric.
- Check that the fields are not empty.
- If the above is ok, then escape any dangerous characters.
- Check the database with the post information.
- If there is a match, save the necessary information in session.
- Re-direct the user to the home page.

[Validation on Register Form](#)

- Check that required fields aren't empty.
- Check if mobile phone number field is numeric.
- Check if mobile phone number field contains only 11 numbers.

- Check if the post data for the email field is in email format.
- Check all other fields are alphanumeric.
- Check if password field and confirm password field contain the same data.
- Check if terms & conditions checkbox is checked.
- Insert all the data into database.

5. Appendix

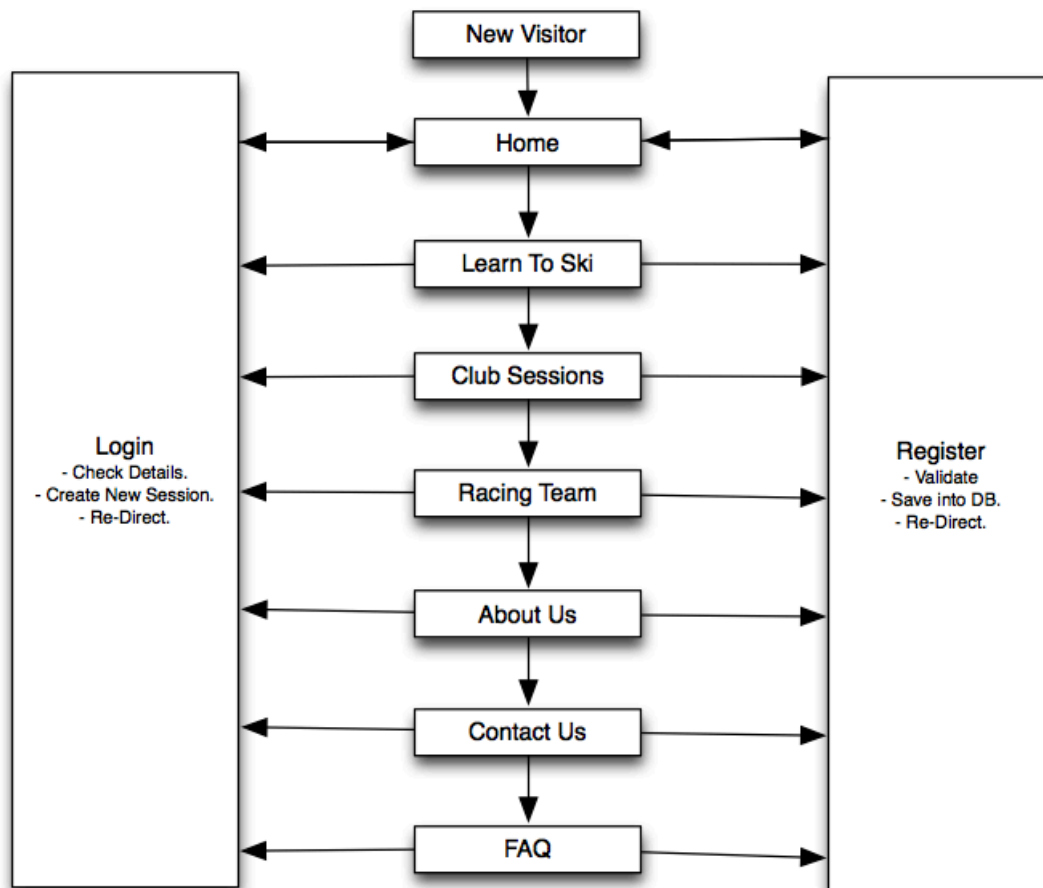


Figure 1 – Flowchart of the Oval Ski Club Website.

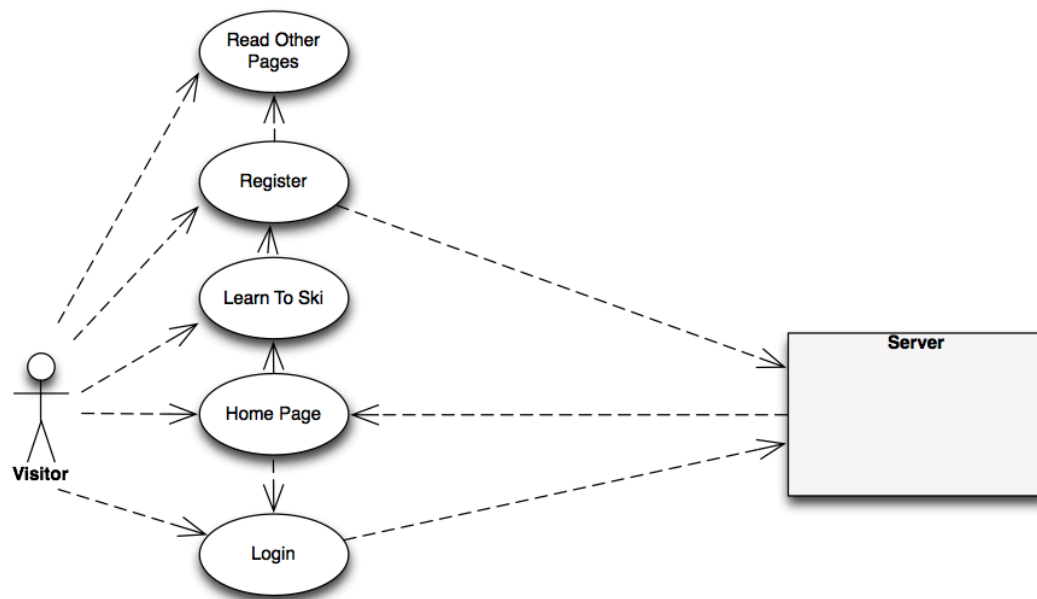


Figure 2 – User Case Diagram