

Scenario

You are hired to develop the website of the **Mefisto Theatre Company**. The site should provide a welcome page, contact information, and a micro-blog-style page that allows the company to post announcements, provide movie and performance reviews, and disseminate other related information to its customer base. The company wishes to allow registered users to comment on any posts. Moderation features must exist so inappropriate comments can be removed by the company.

Whilst the website needs to maintain compatibility with widespread legacy and contemporary desktop browsers used by its customer base, they also recognise the trends in computer sales. Due to the significant rise in mobile and tablet use, and the need to reach out to a younger audience, the company requires that you follow a responsive design approach developing interfaces suitable for a range of touchscreen phones, tablets and traditional pointer-driven desktop computers.

Following discussions and client interviews, you have made the following briefing notes:

- The company needs to be able to suspend users to prevent them from posting new messages in case of a misuse of the comments system.
- The system must allow different user roles. The system must allow multiple administrators to personalise posts from staff members. An existing administrator can 'promote' a registered staff user to having administration rights.
- In case of typing mistakes and retractions, blog articles posted need to be able to be edited and deleted. Deletes should cascade and also delete any comments made on those articles.
- User registration details need to be editable in case of corrections to comply with current legislation.
- Internally the company uses an up-to-date open-source browser.
- The design should be lightweight and complement the provided branding.

You will agree on a scope (functional and non-functional requirements) with the client (the lecturer) and prepare proposal documentation. You will create and produce the design documentation and prototype site with an appropriate test plan and log within an agreed timescale.