ReVUW

A course review platform by NoThink

Workload distribution (Core, Completion, Challenge)

Tasks	Assignee	Status
Implement basic user registration functionality.	Sam	Done
Your application must be able to control the complexity of the password chosen by the user.	Nathan	Done
Implement basic user login / logout functionality.	Sam	Done
Use cloud based NoSQL databases (such as MongoDB, Firebase Real-time database).	All	Done
Allow viewing items without any authentication.		Done
Support dynamic endpoints for various operations (get, put, delete) on the resources specific to your application.	Sam & Nathan	Done
The web application that renders HTML pages should include some functionality implemented using client side JavaScript code	Sam & Diana	Done
Allow use of OAuth / OpenID Connect and online service	Sam	Done
Host your server successfully on a cloud platform, so that your web application / web service can be easily accessed from anywhere in the Internet.		To-Do
Use session and cookies / JWT as applicable for user authentication and authorization and allow only authenticated and authorized users to Create, Update or Delete items.		Done

Workload distribution (Cont.)

Tasks	Assignee	Status
Front end sign in page and home page	Naomi	In-Progress
Front end code for courses and reviews	Diana	In-Progress
Integrate microservices	TBD	To-Do
Build an API gateway for your application	TBD	To-Do
Test your Authorization middleware using any test framework like Mocha or Chai.	TBD	To-Do
Measure the response time of each API function provided by your server application under varied workload.	TBD	To-Do
Show the variation of response time under varied workload by using Bar charts	TBD	To-Do
Evaluate the performance of the database at the server side. Determine whether the database poses as a performance bottleneck of your web application	TBD	To-Do
A clear privacy consideration needs to be integrated into the design and implementation of your web application.	TBD	To-Do
Implement a simple recommendation service to recommend relevant resources (e.g. new products in an online shop) based on information provided by external services (e.g. Yahoo Weather) and/or user purchase/order history and/or user account information.	TBD	To-Do

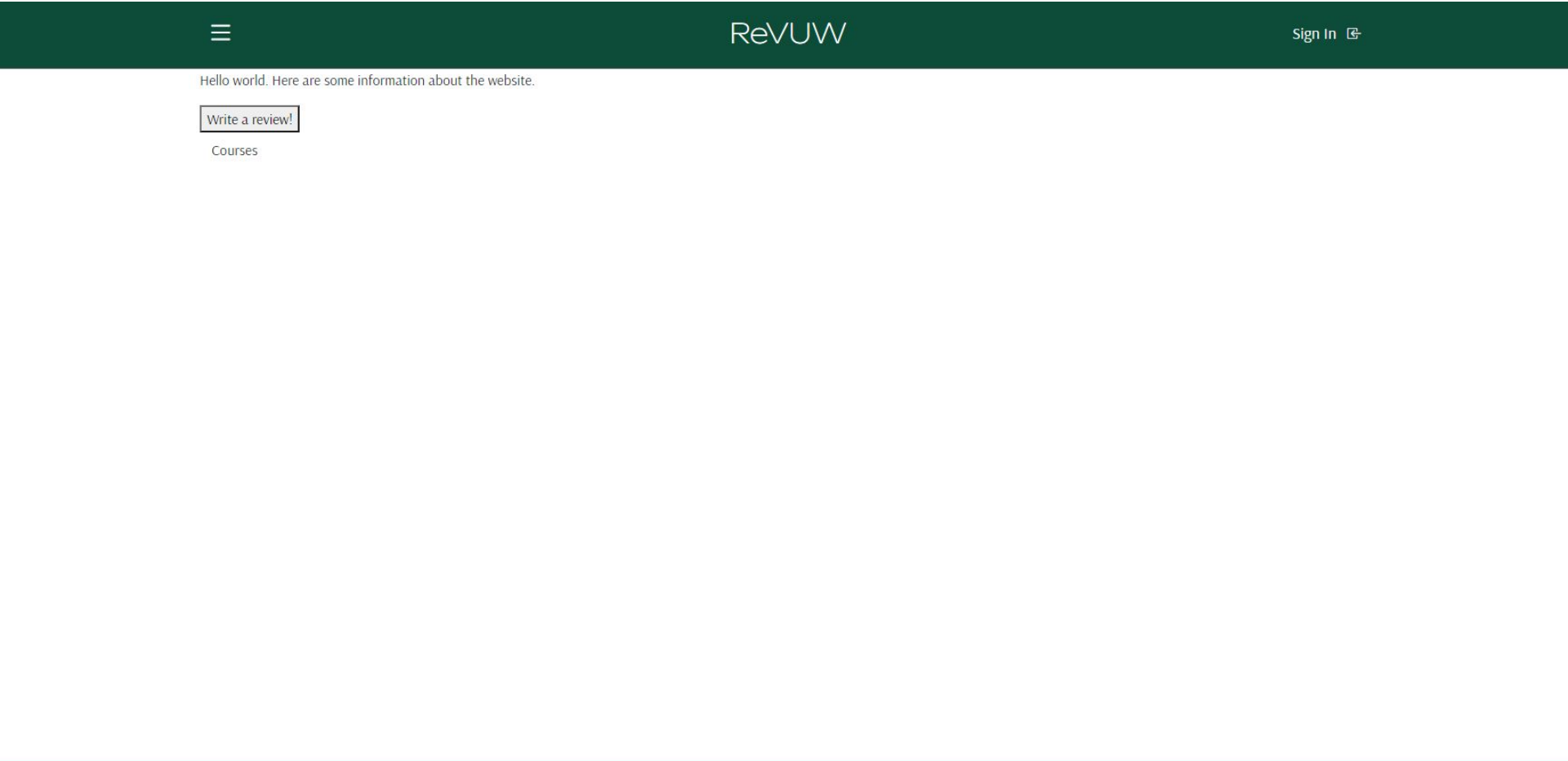
Workload distribution (Cont.)

Tasks	Assignee	Status
Implement email loop for password reset.	TBD	To-Do
Support a timeout function: when users stop using the application for a certain period of time, they need to login again.	TBD	To-Do

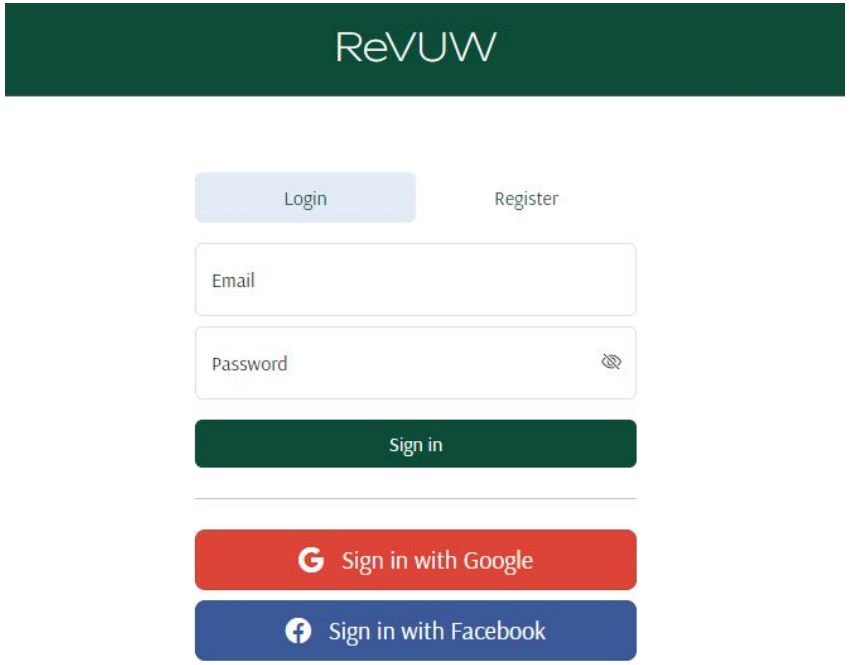
Link to GitHub repo

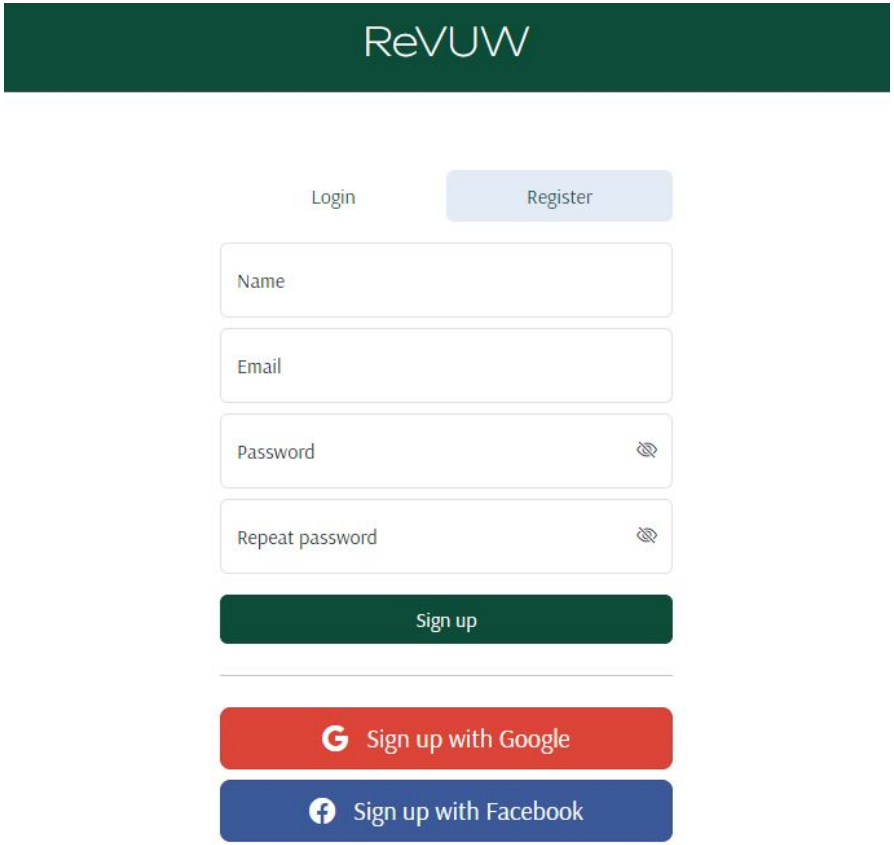
https://github.com/CRUDApplication/ReVUW

Demo: Homepage

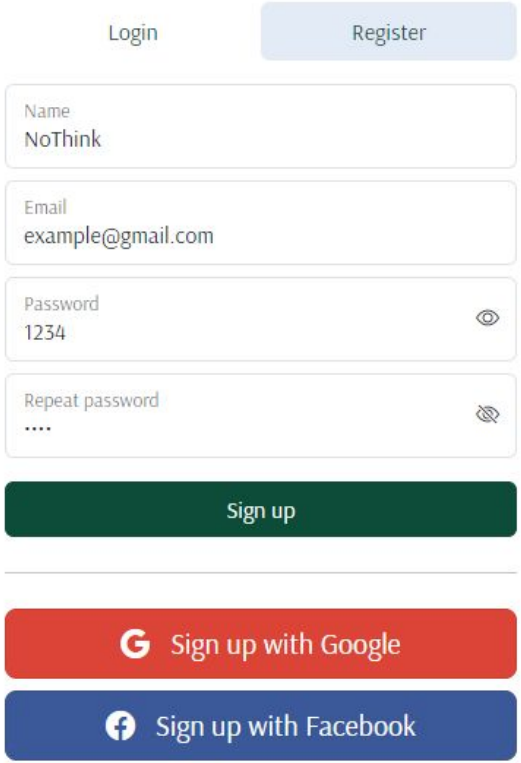


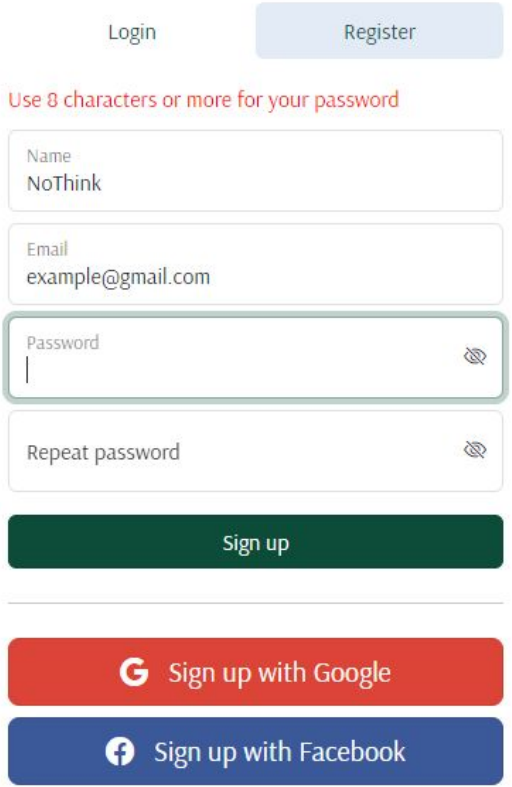
Demo: Register/Sign In page





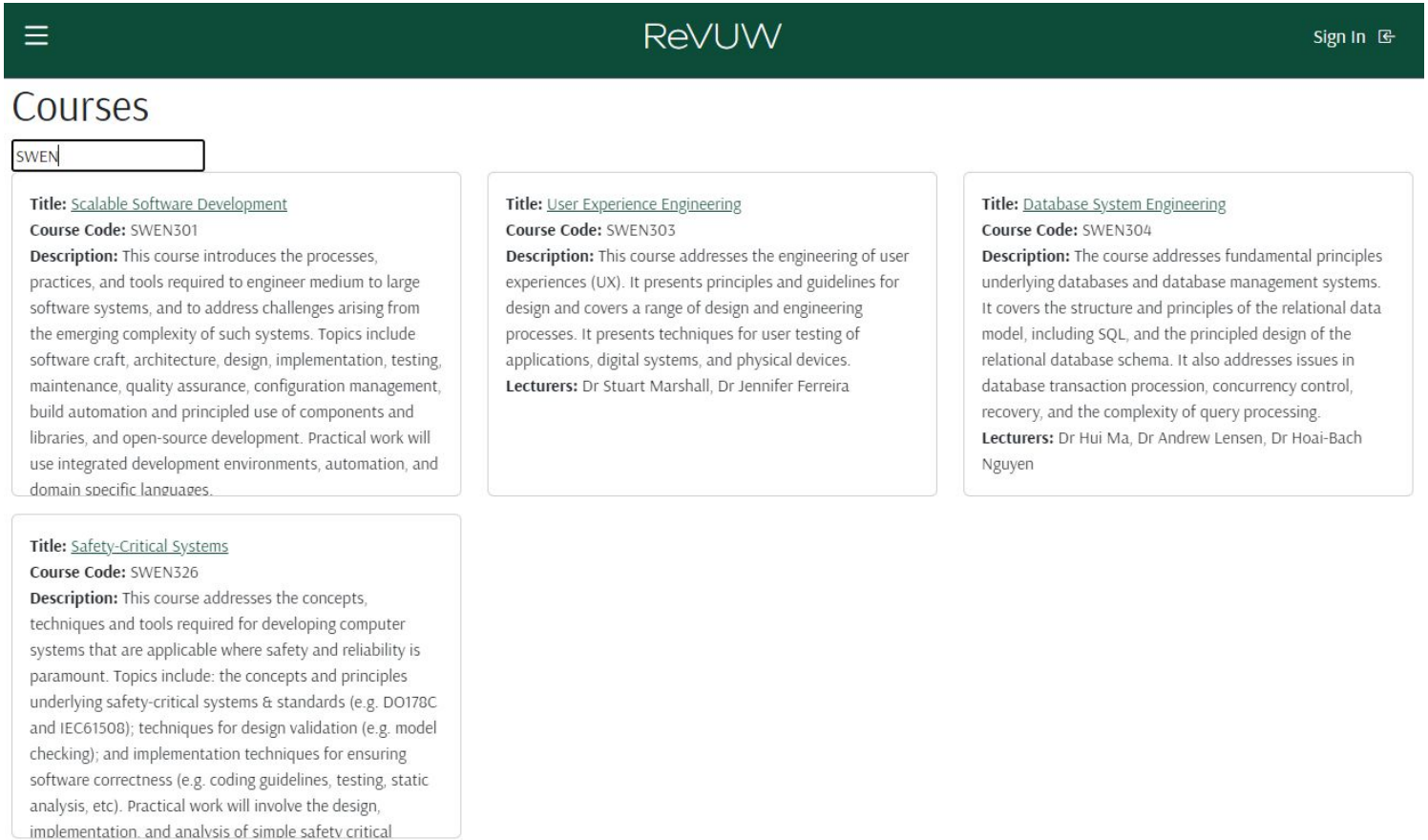
Demo: Password Feedback



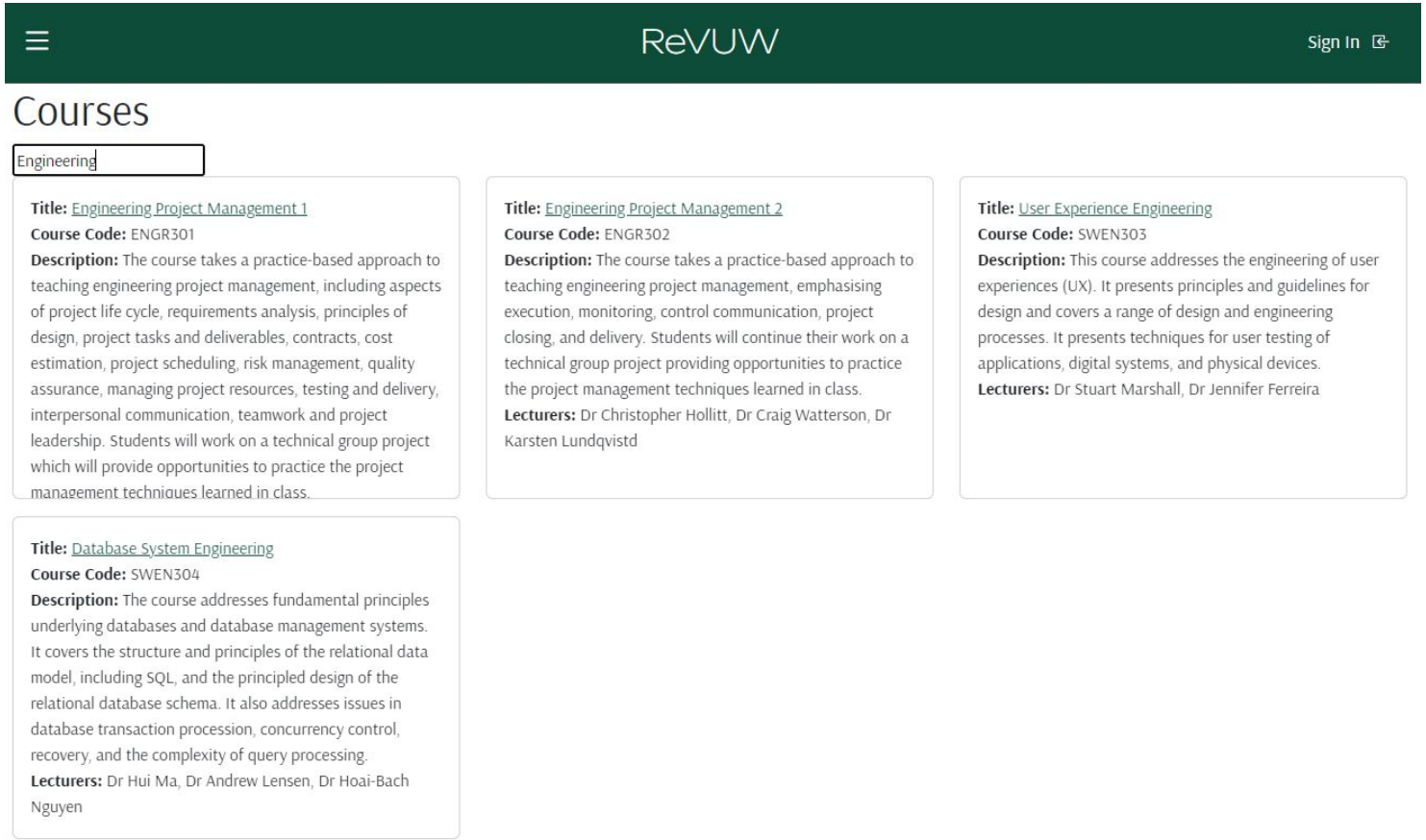


Demo: Courses page

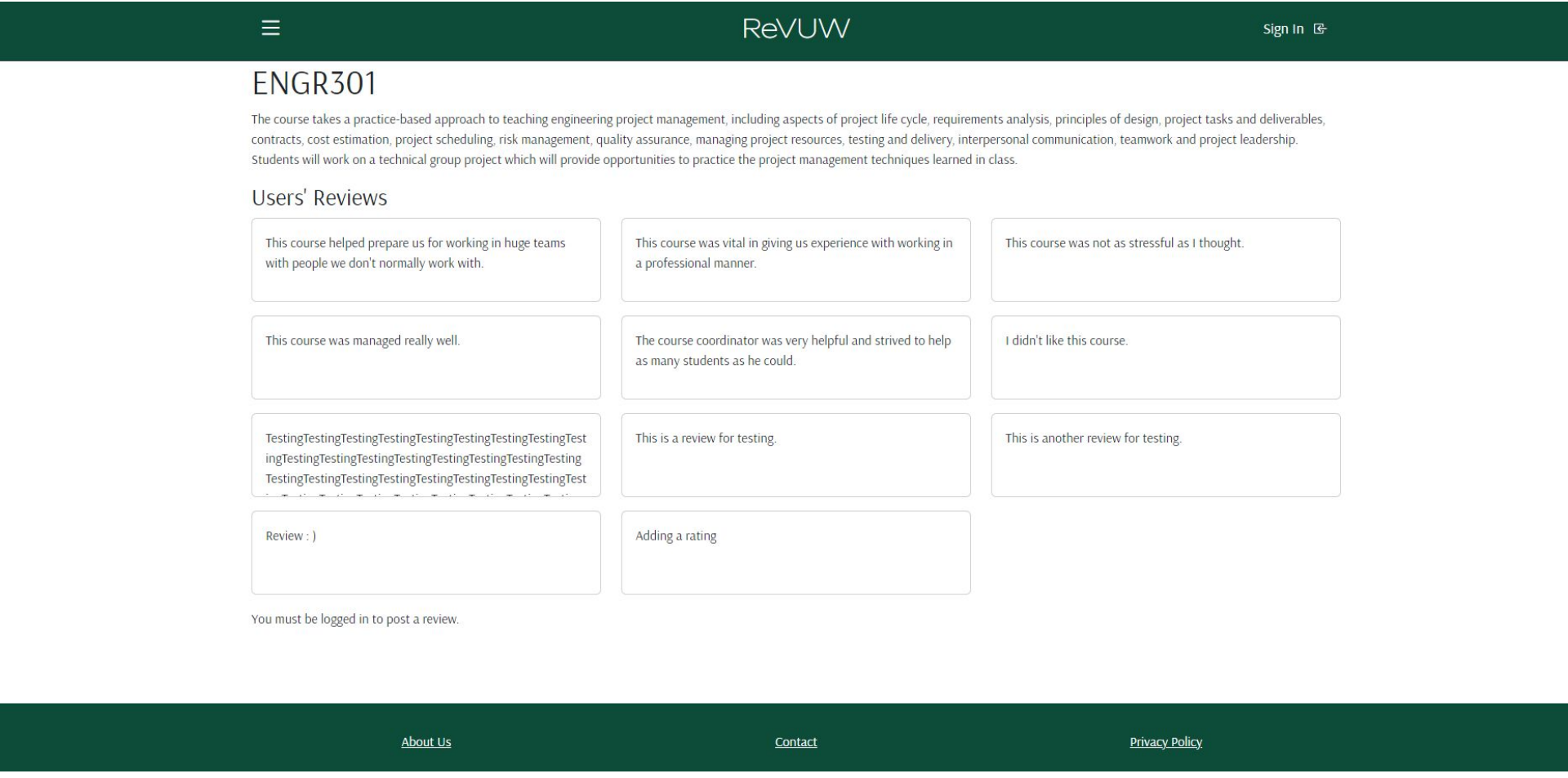
Demo: Courses page (searching using the course code)



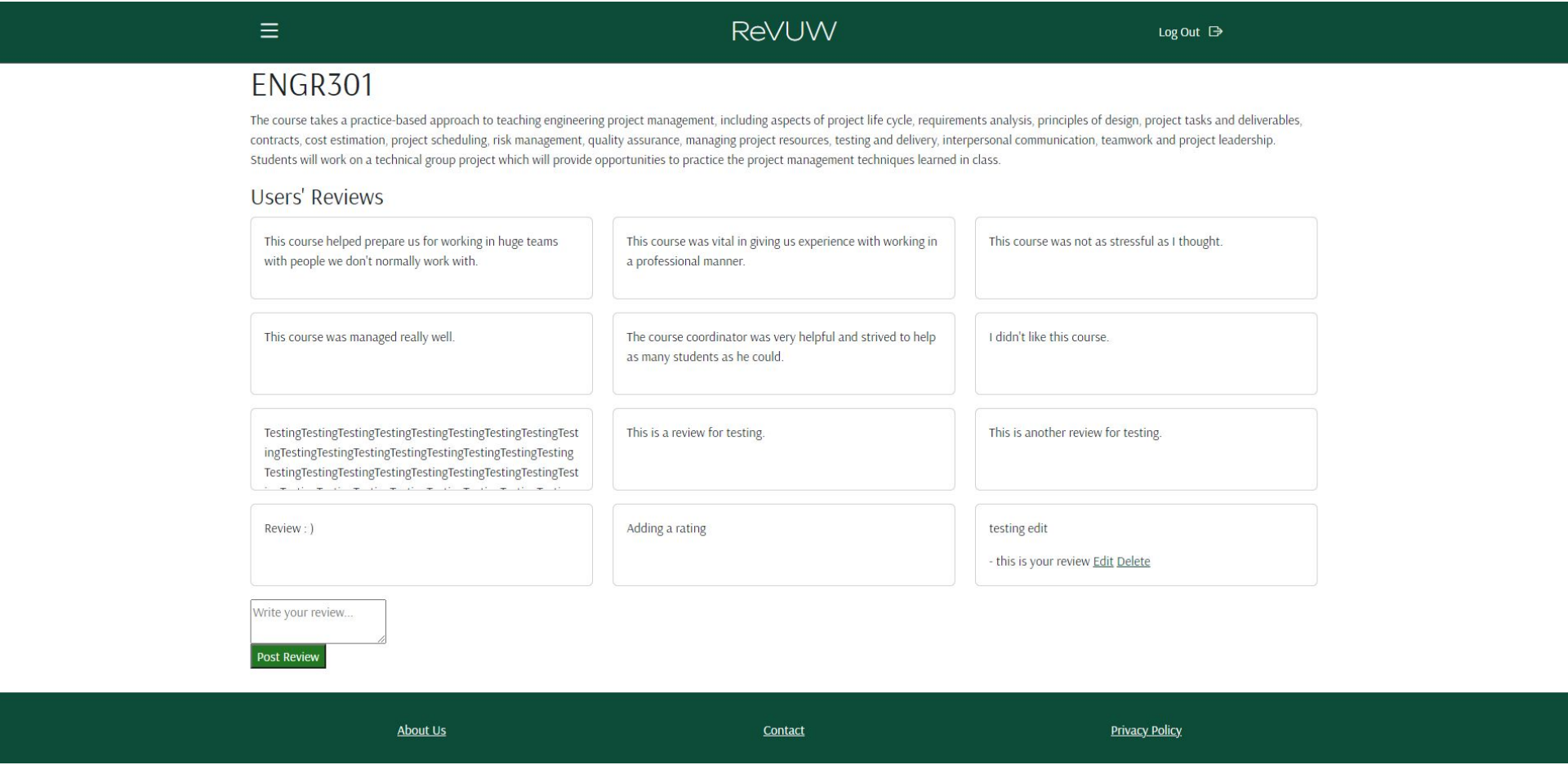
Demo: Courses page (searching using the course title)



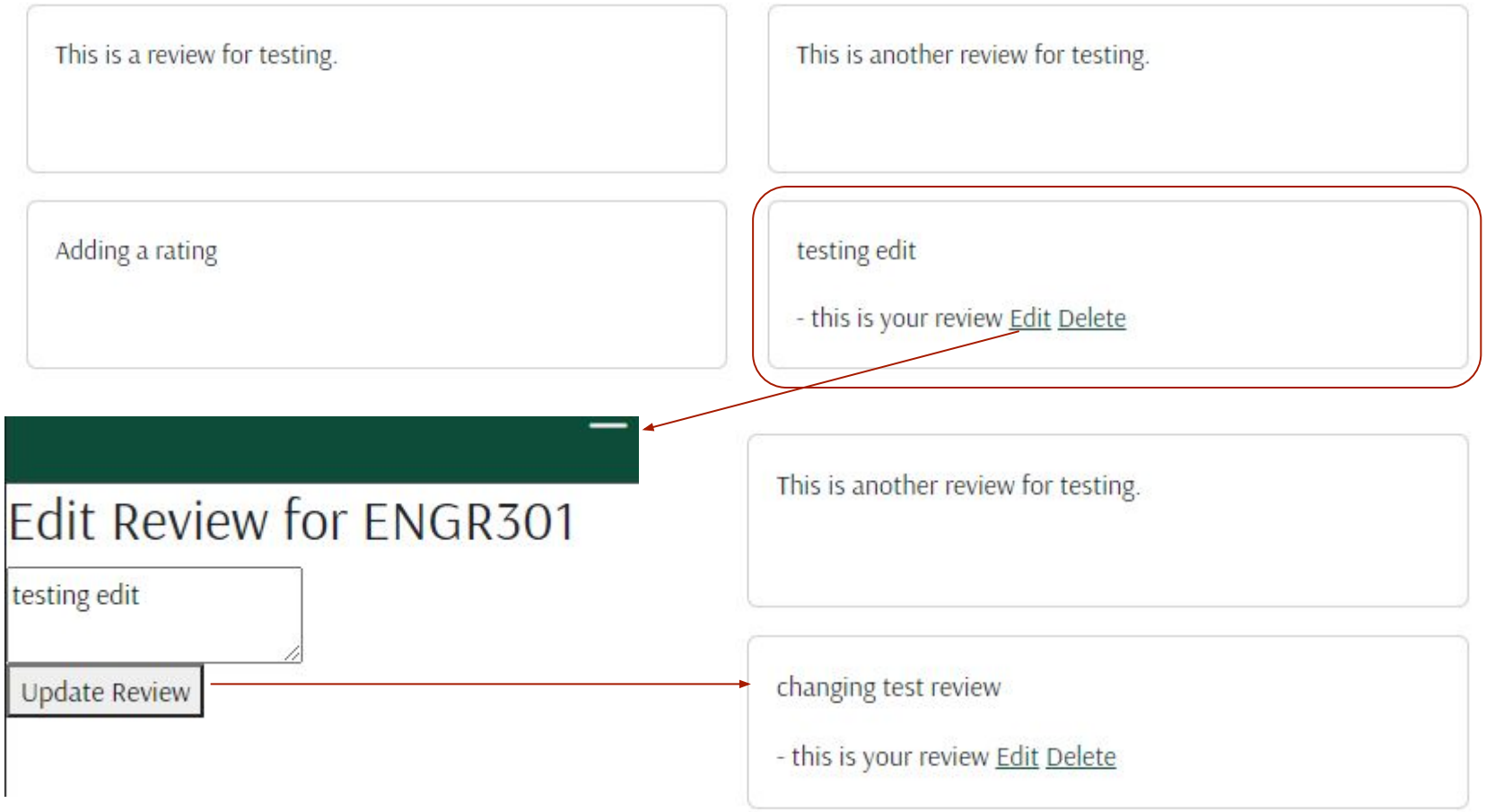
Demo: Reviews page (when not signed in)



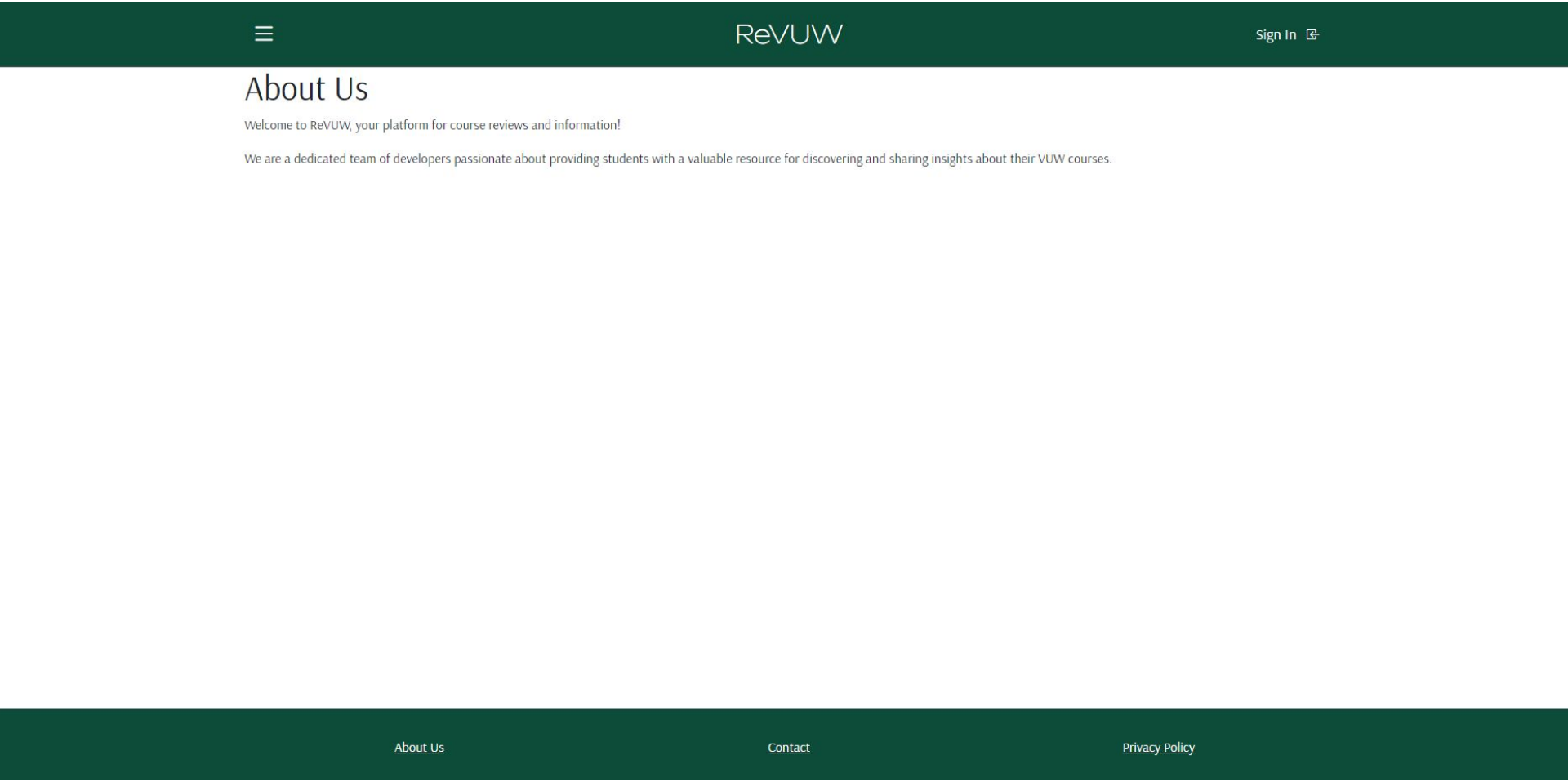
Demo: Reviews page (when logged in)



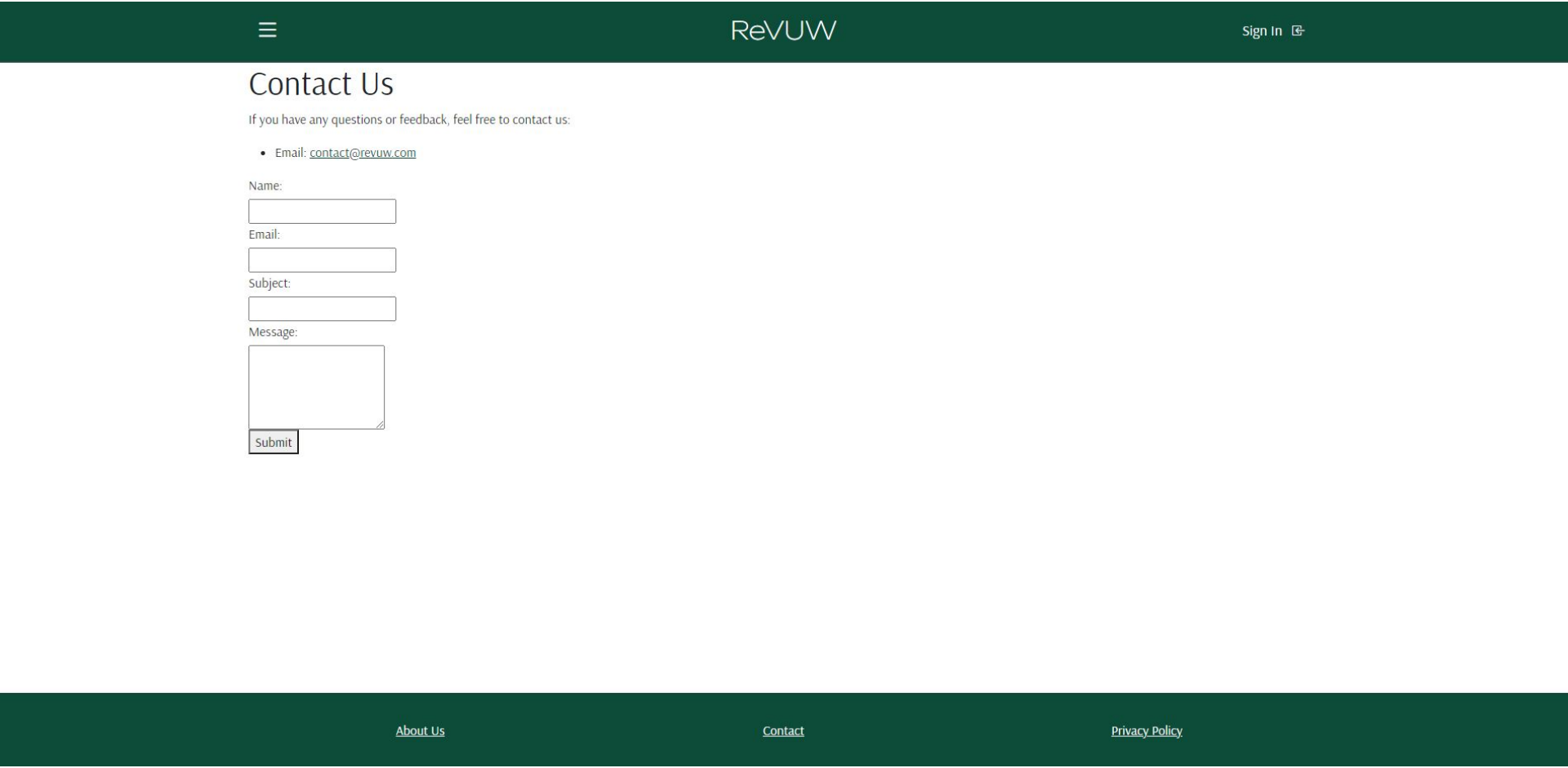
Demo: Reviews page (when editing a review)



Demo: About Us page



Demo: Contact page



Demo: Privacy Policy page