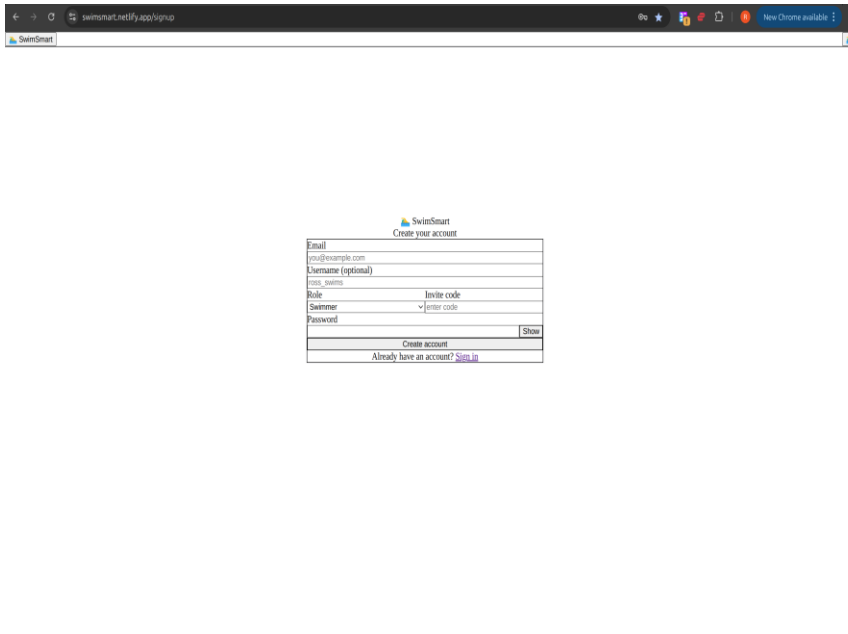
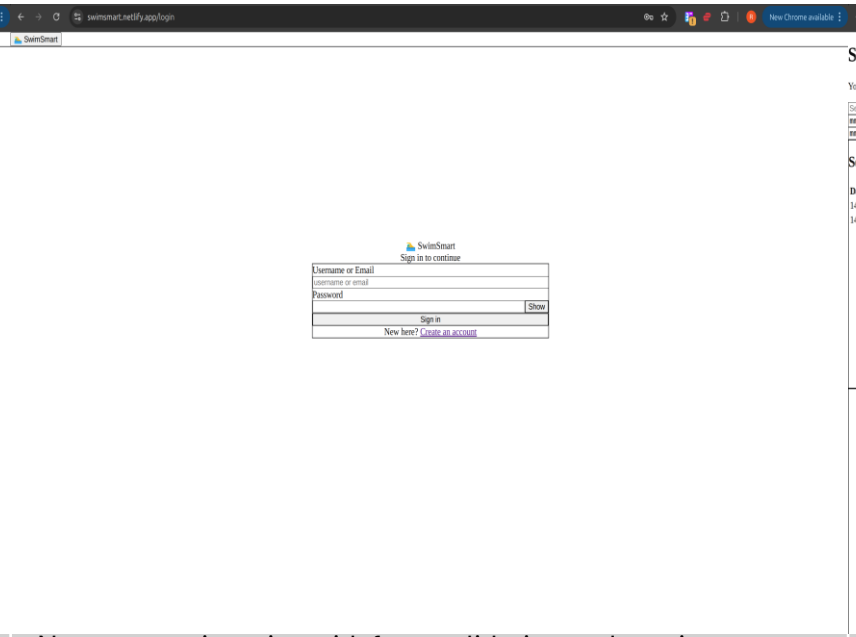
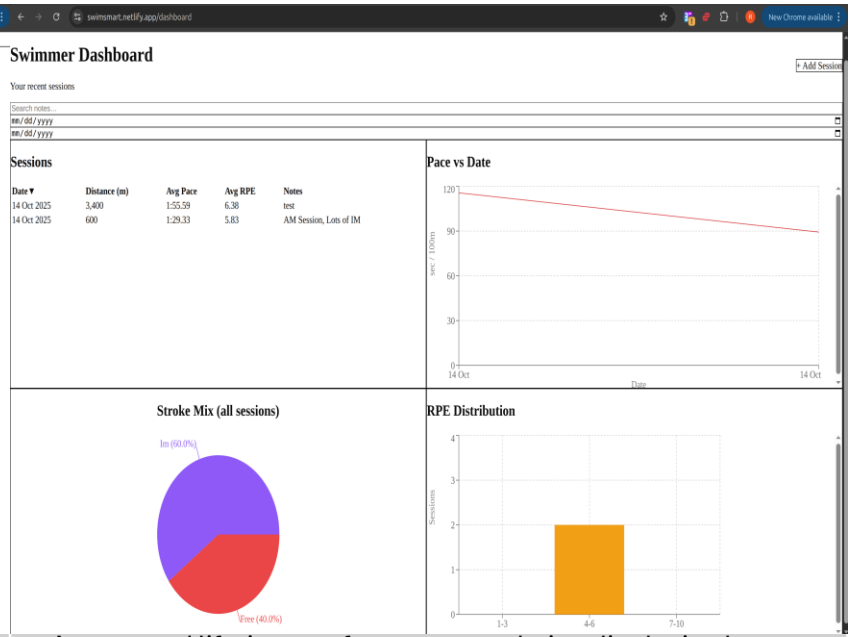


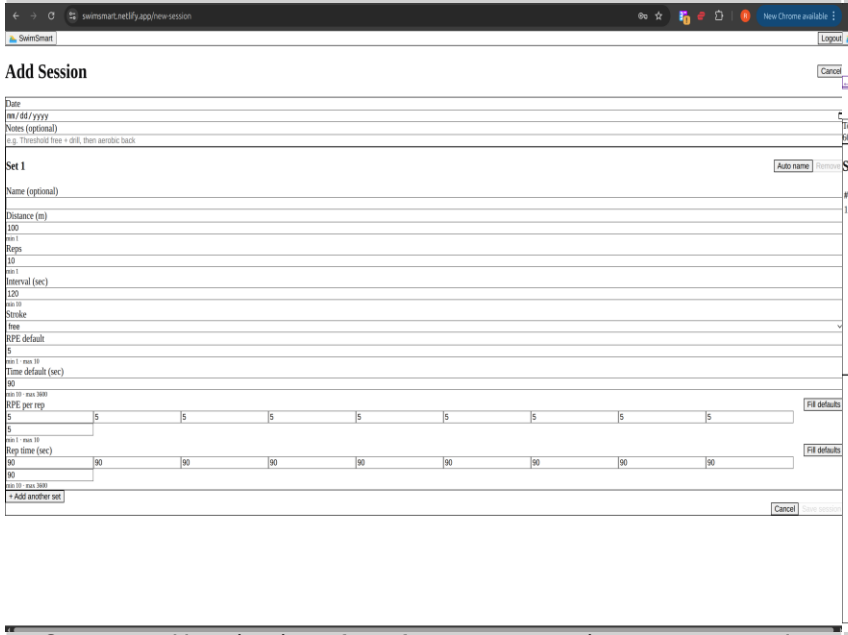
Secure login interface with authentication handled via FastAPI backend and JWT tokens.



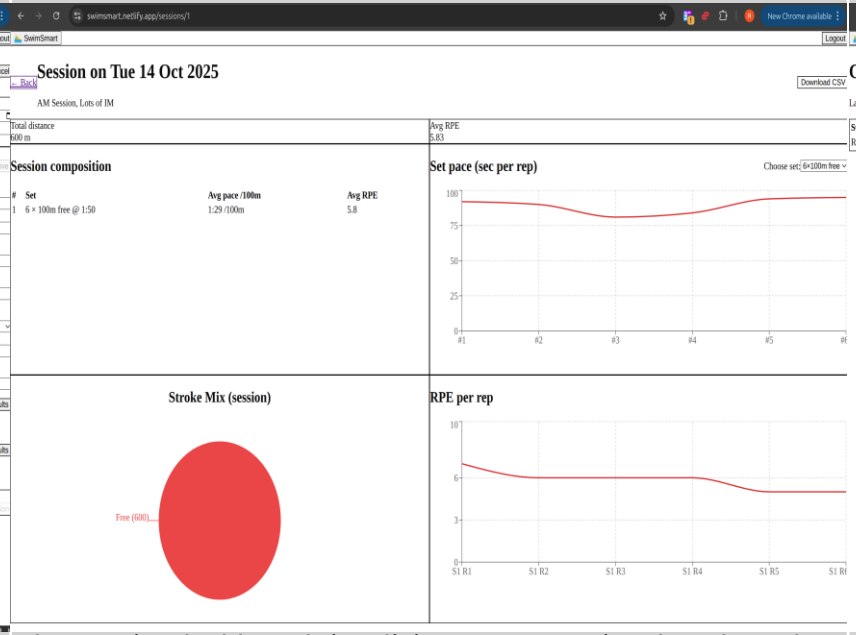
New user registration with form validation and persistent user data stored in SQL database.



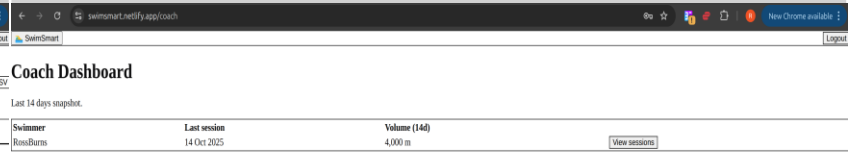
Aggregated lifetime performance analytics displaying long-term pace and RPE trends.



Structured logging interface for sets, reps, timestamps, and RPE values, enabling consistent data collection.



Interactive dashboard visualising recent session data through dynamic charts and summary metrics.



Role-based dashboard providing coaches with access to swimmer profiles, progress summaries, and data exports.