

# CS4530 Final Project: Verifi - Enhanced User Experience

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Demo: <https://fall25-project-fall25-project-group-113.onrender.com/>

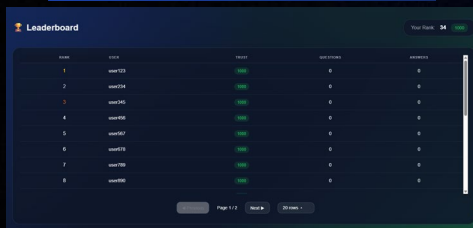
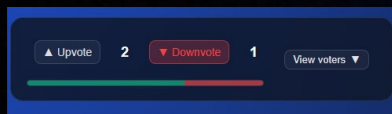
Source: <https://github.com/neu-cs4530/fall25-project-fall25-project-group-113>

## Feature 1: Secure Authentication

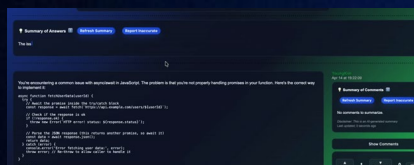
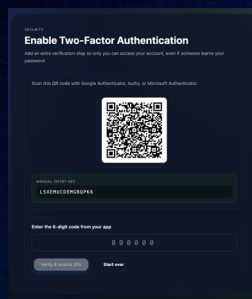
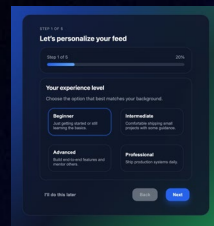
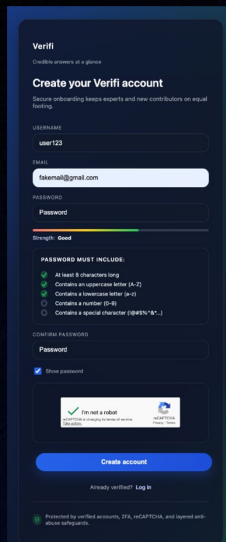
- Email/SSO registration with verification
- Two-factor authentication (2FA)
- Password strength enforcement & reset
- Rate limiting, reCAPTCHA, session timeout
- Account deletion with re-authentication

## Feature 2: Trust Scoring System

- Upvote/downvote answers & questions
- User reputation score & public leaderboard
- Sort content by rating
- Misuse prevention (no self-voting)
- Community-weighted scoring



Rank	Username	Score	Questions	Answers
1	user123	100	0	0
2	user345	95	0	0
3	user567	90	0	0
4	user890	85	0	0
5	user123	80	0	0
6	user456	75	0	0
7	user789	70	0	0
8	user012	65	0	0



## Feature 3: AI Comment Summarizer

- Auto-generates 2-3 sentence summaries
- Updates dynamically with new comments
- Clear AI disclaimer & expand option
- Report inaccurate summaries
- User toggle to disable
- Screen-reader accessible

## Feature 4: Personalized Onboarding

- Interest & skill-level questionnaire
- AI-powered content recommendations
- Adaptive flow based on experience
- Feedback collection for improvements

## Tech Stack

- Backend: Express + TypeScript, MongoDB, Argon2, OpenAI API, WebSockets
- Frontend: React + TypeScript, Context API, Verifi glassmorphic design
- Infrastructure: GitHub Actions CI/CD, Jest + Cypress testing, Render deployment

## Potential Future Enhancements

- Daily login streaks
- Profile reward badges for high scores
- User activity statuses
- Score updates for collections
- More admin features such as being able to timeout users