

Specifications Index

“ Last Verified: 2026-02-17 | Owner: John

BasicFakta — Specifications Index

Frontend Code

- **Repository:** GitHub (HTTPS auth, gh CLI token)
- **Main branch:** Auto-deploys to basicfakta.no via Vercel
- **Framework:** Modern web stack (details in repo)

Backend API

- **Hosting:** Separate external API at basicfakta.no
- **Source code:** Not in repo (blocks accuracy improvements)
- **Algorithm:** Proprietary fake news detection
- **Status:** Access required for further development

Security Specifications

Implemented (2026-02)

- XSS prevention via input sanitization
- Rate limiting with authentication
- API key sanitization
- Security headers (vercel.json)

Pending

- Backend security audit (requires backend access)
- Penetration testing (scheduled TBD)

Accessibility Specifications

WCAG 2.1 Compliance

- Screen reader support
- Keyboard navigation
- Mobile touch targets (44x44px minimum)
- Color contrast ratios
- Loading state announcements

Testing Specifications

Current Status

- **42/65 tests passing** (64.6% pass rate)
- **23 tests failing** — factScore > 30 for known fake news sources

Test Categories

1. URL extraction tests
2. Fact scoring accuracy tests
3. XSS prevention tests
4. Rate limiting tests
5. API integration tests

Blockers

- Backend algorithm not accessible
- Cannot tune scoring thresholds
- Cannot improve detection accuracy

Audit Reports

2026-02 Audit (13 items)

Critical:

- url-extractor.js (CREATED)
- XSS fix (FIXED)
- Rate limit bypass (FIXED)
- API key sanitization (FIXED)

Medium:

- Security headers (ADDED)
- Email validation (IMPROVED)
- SEO meta tags (ADDED)
- WCAG accessibility (IMPLEMENTED)
- Mobile UX (IMPROVED)
- Share results (ADDED)
- Loading states (IMPROVED)

Deployment: Commit ce800c2, Vercel auto-deployed

Dependencies

Required from Alem

1. **Backend source code** — For algorithm improvements (task #100)
2. **IMAP credentials** — For email monitoring (task #79)
3. **Test data** — Known fake news URLs for accuracy testing

External Services

- Vercel (hosting)
- GitHub (version control)
- basicfakta.no API (backend)

Revision #3

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