ID	Last Name
DD/MM/YY	First Name

Project 2 Encryption Demo

All Phases

Any use of libraries beyond those authorized in the project spec will result in max grade of 10/20.

Total grade (/20)

Overall Code Style, Structure (3 points)

- Consistent indentation and code style. Descriptive identifiers.
- Appropriate use of JSDoc comments for functions. Comments describe intent, not code.
- Modular code; avoid giant do-everything functions.
- Descriptive file names, index.html, directory structure.
- Respect copyright of external libraries and images.

Visual Design (2 points)

- Consistent style across all views
- Friendly, simple design; appropriate for target audience
- Easy to read, find things, easy-to-follow instructions
- Layout looks good in wide and narrow windows

Cover Page (3 points)

- Clear, complete, grammatical sentences.
- Brief description of implementation (not the features, but your approach to building them)
- Test plan with 20 items.
- Known bugs, possible improvements.
- Screenshots.

HTML5/CSS Best-Practices (1 point)

- Valid HTML and CSS. No redundant CSS rules.
- Elements indicate logical structure. Separate style from structure. Accessible to visually impaired (e.g. alt text in images.)

Cross-Browser Behaviour (1 point)

(Specific aspects of this are also evaluated in Phases 3-5.)

- Chrome/Opera (Webkit)
- Firefox
- IE >=10/Edge
- Older IE (no emoji)

Phases 0 and 1 (1 point)

Basic HTML and CSS layout for views:

- Encrypt
- Decrypt
- Wizard
- About
- Navigation between pages (reachability)

(Test plan is graded as part of Cover Page, above)

Phase 2 (2 points)

Simple app for older browsers (no emoji)

- noscript fallback
- Caesar cipher encryption
- Show wizard based at beginning only at first visit
- Wizard is modal
- Deal with unsupported characters.

Phase 3 (1 point)

- Decryption

Phase 4 (3 points)

- Progressive enhancement: keep Phase 2 as fallback based on browser capability.
- Encryption with emoji.
    - Update output as user types.
- Decrypting with emoji.
- Deal with unsupported characters.

Phase 5 (3 points)

- UI for choosing key according to weather in city.
- Get weather with Ajax call to API
- Use weather-themed emoji to match weather
- Default key value if no weather found.
- Remember last-chosen city.