TECHNICAL SPECIFICATION

For development of «Encrypted» website

Client: Burul-eje
Name of the project: Encrypted

Introduction

Website goal:
- Ability to decrypt and encrypt files using symmetric and asymmetric methods

Target audience:
- People who want protect their data

Users
All users are unregistered

Functional requirements

Functional requirements for the client interface of the site:

- One-Page Website with ability to change Encryption method
- Four Forms for encryption and decryption
- All files should be send to email
- Language: English

Non-functional requirements

- Design requirements
  - Design should use dark and green colors
- Adaptability requirements
  - The site must be displayed correctly in browsers

Requirements for website development from the standpoint of search engine promotion

Текст

- The text on the website must be easy to read, formatted, and have zero of spelling errors.
- The page text must contain 1 heading with the H1 tag, which must include key words/phrases, there can be 2 headings with the H2 tag in the text, and they must also include key words/phrases. You cannot put the entire page text in the heading tag.

Мета-теги

- The <title> tag should match the page content and include the main search queries.
- The <description> meta tag should be a short and precise description of the page content (using keywords) in 2-3 sentences and should not match the <title> tag.

Site structure

This project is one-page site

Forms

This section contains information about the structure and functional features of contact forms.

Encrypt and decrypt forms

Who uses form: unregistered user.

Interactive elements

Encrypt Form

Element	Required field
"File to encrypt" Field	yes
"Email" Field	yes
"Encrypt" button	

Main scenario:

After filling out the form and pressing the button, the encrypted file and key are sent to the email of the user who filled out the form. If the user has not filled in the required fields, display the message "Field must be filled in"

Отправить резюме

Decrypt Form

Element	Required field
"File to decrypt" Field	yes
"Decryption Key" Field	yes
"Email" Field	yes
"Extension" Field	yes
"Decrypt" button	

Основной сценарий:

The user fills in the fields of the encrypted file, the decryption key, the extension of the original file (pdf, txt, etc.), and the email. After clicking the button, the decrypted file is sent to the email. If the user has not filled in the required fields, display the message "Field must be filled in"

Next steps

After approval and confirmation, the website project is transferred to development. Any additional requests for functionality will require separate approval and may entail changes to the project schedule and budget.