



Shut Project high-level specification document - General

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1. Introduction

The purpose of the new responsa release is to provide a more up-to-date user interface and product offering to the current product. This document is a high-level document that describes the general elements of the system. The overall functionalities of the current system will exist in the next version. Note: it is highly recommended to review the current version.

Note: In this document, there are references to item numbers (e.g. DSP4). These numbers refer to images and references that will be shared in other documents that will be provided in the upcoming phases of the bid.

2. Platform

- 2.1. The system will be accessible on both desktop and mobile web applications. While the user interface (UX) will maintain a consistent design language across both platforms, key differences in layout and functionality will be implemented to optimize the experience for each device type. Certain features available in the desktop version will not be present or will be simplified in the mobile version, reflecting each platform's varying capabilities and use cases.

3. Accessibility

- 3.1. *The system will withstand the Israeli standard for web accessibility 5568 part 1 created in May 2021 and 5568 part 2. In addition to that it will withstand the international standard - Web Content Accessibility Guidelines (WCAG) 2.0 (December 2008) – in level AA. In cases that one standard is more severe than the other, it will follow it for that case.*

4. Languages

- 4.1. *The system will support Hebrew, English, and French. The user will be able to change the settings of the user interface for his account.*
- 4.2. *Changing the language will affect all the user interfaces (menus, controls, etc.).*
- 4.3. *Changing the language from Hebrew to French/English will change the orientation of the user interface elements on the screen to be ordered from left to right. (See the UX specification document- Languages section and pictures ENG01 and ENG02). These will affect, among others, the menus location, side panels location (Drawer, comments), Folio pages sources, buttons location in correlation to text fields, and more.*
- 4.4. *The English and French languages will also affects the behavior of elements within the User interface such as:*
 - 4.4.1. *Opening resources from external tab (Library, search results etc.) - See DSP4)*
 - 4.4.2. *Opening resource from another resource - DSP1, DSP2*
 - 4.4.3. *The display of commentators along their resource - DSP31*
 - 4.4.4. *The order of resources in Folio - FOB2, FOO2*
 - 4.4.5. *Adding an additional word to a query in Tabular search panel - DAS.TSE3.1*
 - 4.4.6. *Virtual keyboard will be in accordance to the selected language:*
 - 4.4.6.1. *Hebrew - the hebrew standard keyboard 1452 ״ן*



4.4.6.2. English - QWERTY

4.4.6.3. French - AZERTY

5. Textual data

- 5.1. *Current textual data is categorised by the following levels: book-part-document-section-sentence-word. Each book will be tagged to a group or multiple groups.*
- 5.2. *The system will allow converting imported text data from the responsa system (Final state) into the Json format. The data will include varios attributes that will be further described in other documents.*
- 5.3. *The system will allow importing textual data in Json format.*

6. Working offline

- 6.1. *The system will allow working locally without the need for an internet connection. This will require downloading the SW and DB.*
- 6.2. *The system will protect from copying the SW and using it on another unauthorized device. Note: This can be protected by the limitation of the system to work only with a physical DOK that is connected while working.*
- 6.3. *The system will protect from copying the system textual DB (not limited amount as per the system - Vast amount of data).*
- 6.4. *The system will allow SW updates for locally installed versions (using an internet connection).*
- 6.5. *The system will send "use statistics" of the locally installed systems when connected to the internet.*
- 6.6. *The system will limit the use of the locally installed systems as per their subscription model (limited to time and content).*
- 6.7. *The system will protect an installed version from being copied to other devices (copy) while allowing for removal and installation on another device.*
- 6.8. *Each book in the system will have multiple category tags (e.g. part of the bible and part of commentators from middle age).*

7. User management

- 7.1. *The system will allow the management via interfacing to 3rd party systems (CRM & Billing). There will be a preference for a single system that will provide all services.*
- 7.2. *The services will include common user management features such as:*
 - 7.2.1. *User management (plans management, payments, credit billings, user profiles, passwords, etc).*
 - 7.2.2. *User reports*
 - 7.2.3. *User history*
 - 7.2.4. *User permissions and display in accordance to it.*
 - 7.2.5. *Institutional plans (concurrent users).*



- 7.3. *Users will have the ability to change their subscription plan*
- 7.4. *The system will track the support and history of the users at a single user level.*
- 7.5. *Push content: the system will have the ability to deliver content to users as per their plans and user profiles (plans promotion).*
- 7.6. *The system will support project management features (e.g. managing the process of entering a new book into the system).*

8. Help

- 8.1. *The system will provide help documents*
- 8.2. *The system will have an online forum in which the users will provide guidance and help to each other.*
- 8.3. *The system will have a content forum in which the users will have the possibility to ask general questions and receive responses from each other.*

9. Website

The system will provide a website that will contain:

- 9.1. *General information about the company and the program services*
- 9.2. *Information about the plans and the ability to subscribe to them.*
- 9.3. *Content management tools for modification of the website's content*

10. Community

The system will have a community. The section will contain a few sections of content where users will be able to post messages, reply to posted ones, etc.

11. Interfacing with external resources

The system will allow interfacing to external DB and draw content from them.

12. Links suggestion

The system will allow users to suggest links between sources. The manager will be able to review them approving/decline them.

13. Application content

The system will have the following user types:

- End-user (Student)
- Admin (group manager)



- Developer

13.1. *Log In*

- The system will require logging in. The authentication, login and forget password will behave as typical email and common systems.

13.2. *Home screen*

- The home screen will allow navigation to the different sections in the system.
- It will include a few panels that display content that is derived from the various sections.
- Each user will have multiple workstations and the content in each section will be according to the currently active one.

13.3. *Search*

- The system will allow basic and advanced search within its textual DB (that includes the current version functionalities).
- The basic search will include: Search history, advanced search tools, defining search sources, etc.
- The advanced tools will include the basic search along with some other tools as groups of words, the distance between words, word attributes, and more.
- The system will allow managing the search results: sort, save, filter, re-accessing searches, preview, etc.
- Opening search results will display their textual content along with other relevant textual sources if required.

13.4. *Source Display*

- The system will display multiple Sources in a single page. Allowing to re-order them, scroll with other sources, zoom, mark texts, find content within the sources and open sources from existing ones.
- The system will display both textual and scanned (image) sources.
- Sources will show links from them to other sources

13.5. *Comments*

- The system will allow users to comment to sources and view/manage existing comments.

13.6. *Library*

The user will be able to search, preview, and open various types of textual sources from its DB.

13.7. *Tools*

- The system will provide various tools.
 - Showing content that is relevant to that day.
 - Jewish Calendar and date converter
 - Jewish calculator



- Comments display
- “Time of the day”
- Etc.

13.8. Folio

- The system will allow the creation of a page that includes content from various sources, free text and to share & edit it along with multiple users simultaneously.

13.9. Display support

- The system will support display on desktop, tablet, and mobile devices.

13.10. Translations

- The system will allow displaying of translations of the text that appear in the sources. The translation will be according to specific translations that exist in the system or by using AI. The user will have the ability to choose the source of translation that will be displayed.