**Functional requirements**

* **Registration**
* The system shall receive a registration request from an Elsk
* The system shall identify from a registration request, the city of provenance
* The system shall validate the registration information ensuring that :
  + There is no missing information item
  + The username/email does not already exists in the system
  + The information does comply with the require format. E.g malformed email.
* The system shall notify the city website whether the registration is accepted or failed
* In case of failure, the system shall provide relevant information to be displayed to the user in order to correct the error and prompts the user to re-enter new information
* Upon success, the system shall email the user the registration confirmation.
* **Schedule generation**
* The system shall allow the administrator to set the schedule period
* The system shall verify that all recipients/helpers have been assignment to a Categories
* The system shall prompt the administrator to set the category a recipient/helper without one if any
* The system shall be able to identify the kind of help either solicited by the recipient or provided by the helper
* The system shall generate the schedule based on the match between recipient and helper based on three attributes namely category, the availability (time-period) and the kind of help solicited by the recipient or provided the helper
* The system shall be able to persist the schedule generated so far
* **Assign a recipient or a helper to category**
* The system shall prompt the administrator to assign a recipient or a helper to category
* **Set a recipient/helper’s kind of help**
* The system shall prompt the administrator to set a recipient / helper kind of help solicited / provided based on the person information provided at the registration
* The system shall allow the administrator to choose a set of pre-established list of help type (kind)
* The system shall allow the administrator to create/add a help type if not exist yet
* **Login**
* The system shall prompt the administrator and helper to enter username and password to login
* The system shall validate the user credential on login
* The system shall prompt the user to re-enter his username and password on login failure, displaying a hint for a correct attempt
* The system shall allow the user to reset its password on demand through a reset link send to the user’s email provided when his/her account was created
* The system shall generate a link on demand to be emailed to a user for him/her to create
* The system shall associate a validity period to login creation link
* The system shall persist and retrieve user account information
* **Email**
* The system shall provide a list of participants (recipients or volunteers)
* The system shall allow the administrator to search among participants with the ability to filter with criteria
* The system shall allow the administrator to subscribe a participant to a campaign list previously created on MailChimp
* The system shall the integration with MailChimp API
* **Local Administrators**
* The system shall allow the Global administrator to creation and update of local administrator user account through a form
* The system shall email a local administrator and providing him/her a link to create his username and password
* The system shall provide a menu to administration for the different tasks/action he/her can undertake related to recipient/helper account management, schedule generation, email campaign or help event management
* **Help Event**
* The system shall allow the creation and update of help event time-period
* The system shall prompt the administrator to select the daily start and finish time for each event
* The system shall constraint the helper availability update to be within the help time period defined by the administrator
* **Report**
* The system shall allow the creation of report. An example of such of a report can be recipient to helper ratio, etc.

**+Membership?**