**Smell Disorder Survey Requirements Document**

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**Overview**

The smell disorder survey is an online questionnaire for patients. It is used to store information about smell disorders. A web application available from laptops and mobile devices will be created for this purpose.

**Requirements**

*Questionnaire*

* R1. **The user will be able to enter responses to the online questionnaire and submit the form.**
* *R2. The questionnaire will be available in different languages*.(this is less of priority)
* **R3. The questionnaire will have different versions. If individual question(s) change within the questionnaire, then it would be considered a different version of the questionnaire**.
* R4. Questions will be related to ontology. Different versions of the questions could be having the same ontology. This way, reports generated on the responses can be analyzed based on the semantic content of the data. That is, responses to questions that have different wording, but having the same ontology will be analyzed together. There will be an interface to link question to ontology
* **R6. The application will provide an interface will allow a batch upload of the questionnaire in a CSV file format**.
* **R7. The application will provide an interface through which exiting questionnaires can be modified by adding / editing / deleting existing questions.**

*Administration*

R8. The application will allow a user having the correct permissions to administer the questionnaire to patient(s).

R9. The responses will be recorded for future analysis. The entire questionnaire need not be filled out at one shot. It can be restarted from an intermediate state.

R10. It will be possible to directly import existing databases of patient responses from different health centers.

Everything is grey in less of important for the web application at the moment as long as the data is saved in a database. We can pull the data out from backend and do many report and graph ad-hoc until we are clear about what kind of report we need.

Reports

R11. It would be possible to run reports on the responses entered by patients. The results will be presented in both graphical and tabular formats, and will be available for download in either format. Only suitably authorized users will be able to run the report.

Authorization

R12. Users with different levels of authorization will be set up in the system. Some users will be able to only run reports, while others would be able to only administer the questionnaire. Superusers will be able to execute both these features and also create new users / assign roles. Only logged in users will be able to access and use the system.