

Patient Search Criteria

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Abstract

Once a patient is created, the system allows retrieving them through either their patient id or name. [coreapps](#) has a client side approach to searching by gender and age once a name or id is entered more or less filter by the 2. This project aims at doing server side patient searching using any or more than one search criterias; such as name, id, gender, dob/age etc.

Requirements

- Good Java and JavaScript skills
- Soft skills to interact with the community in order to gather requirements and technical feedback

Skills Needed

- Java
- JavaScript
- HTML
- CSS
- Rest
- MySQL
- Good understanding of Spring framework and OpenMRS API
- Lucene

Objectives

- Investigate possible usage of lucene in this project
- Create PatientSearchCriteria supporting the 2 current ones id/name
- Support search by gender
- Support search by dob
- Support search by either or all of id,name,age,dob
- Add rest interface to interact with the search engine developed above
- Add supported criterias onto the patient search page in reference application

Extra Credit

- Reach out to the community and support any other search criterias besides age and gender of their preference.

Resources

- <https://talk.openmrs.org/t/design-forum-to-discuss-more-patientsearch-filters/19700/3>
- [2018-09-12 Design Forum](#)
- <https://github.com/openmrs/openmrs-module-patientsearchcriteria/pull/1>
- <https://github.com/openmrs/openmrs-core/pull/2980>
- <https://github.com/openmrs/openmrs-module-coreapps/pull/219>