

Smart Research Frameworks – Application

Requirements

- Display Information Regarding Chemicals
 - Chemical Name
 - Chemical Symbol
 - Chemical Bonds
 - Description of chemical
 - Chemical Hazards
 - Utilise triples dataset in order to present the required data
- The application should be available on the following platforms
 - Android OS
 - This is justified because Android OS applications are primarily written in java, making the porting of the application to a mobile device quite simple.
 - Java enabled Computers
 - Desktop or Browser based due to the nature of the Java Virtual Machine.
- Features
 - Two text fields to be used to search
 - Search using Chemical Symbol
 - Search using Chemical Name
 - Only on PC (Dependant on whether a different type of application would be produced for android handsets and android tablets) – an image on the Periodic table, on this image you will be able to roll your mouse over a chemical for a brief description and click the image for full details on the chemical.

User Base

The user base for this application could be anyone working in a lab. However it could be very useful for students and interns who aren't entirely familiar with the environment that they would be working in.

Form Designs

Chemical Form