Wine Cellar Hygro-thermometer Monitor

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ABSTRACT

The objective of the project was to create a system to monitor temperature and humidity of a wine cellar. The sensors are DHT22s which are attached via wires to a RaspberryPI running a Linux operating system. The monitors periodically send readings data to the system. The system was built with a central data store with C# as the primary language used in the system. Some key features of the system are the Alert Service which send emails alerting users based on customized specification and the Reporting Service that on a customized schedule, will send out reports via email. These feature and more can be seen in Fig. 1.

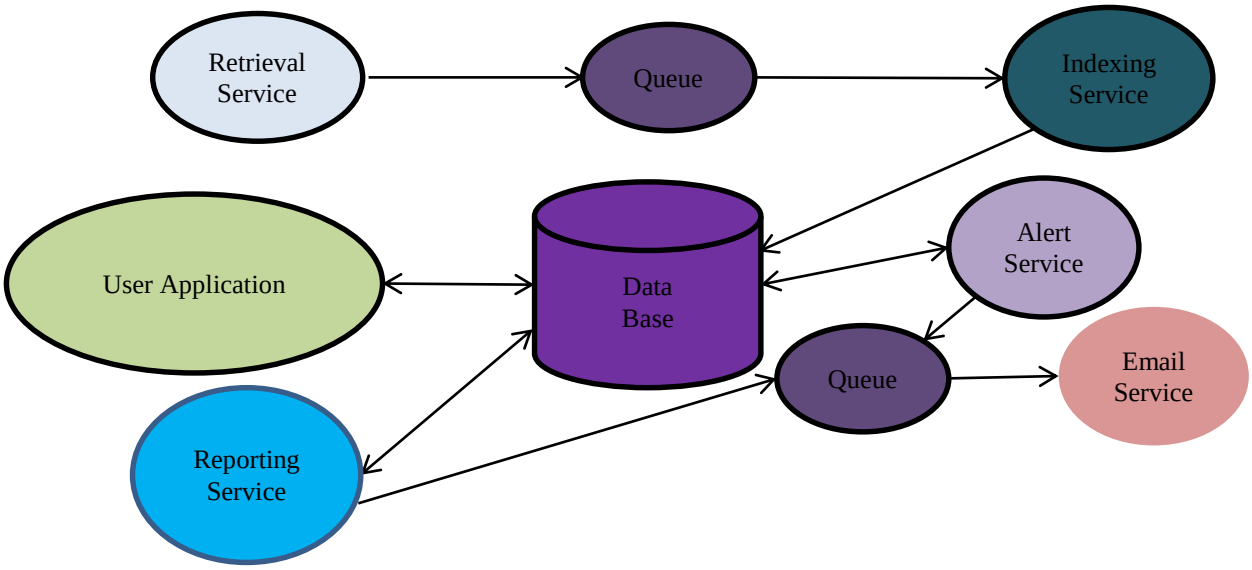

Figure 1. Solution Logical Diagram

sJ Time, Your SCARP paper title, *Proc. 13th School Conf. for Annual Research Projects*, V F Ruiz (Ed), pp. xx–yy, University of Reading, 3rd June 2014.