Project: CouchDB

Do the following questions and produce a report with your answers, showing screen pictures and discussion of your code.

1. Implement your own CouchDB database (something possibly requiring both a desktop/mobile app or mobile game implementation and make an argument for why CouchDB would suit the application) and use the Postman REST interface to show examples of CRUD on your database. 20%
2. Evaluate available drivers for CouchDB and download one for a programming language of your choice. Build a prototype UIF in Java/C# etc and show the CRUD operations working through the UIF. Show a call to a mapreduce operation from within the programming language. Show how screen pictures of your working program. (60%)
3. Create a report of your work (20%). See University of Sussex document.

Due: 4 Novemberr. Upload your report to Turnitin and your zip file of your code to the ‘uploaded part 1’ folder with your T number at end of class on 4th. Also hand up a physical copy of your report. Turnitin can be used from 24 the October to check your references.

See University of Sussex example report.

Includes accurate and concise sections (10 marks); Title, Summary , Content, Introduction, Sections (numbered and headed), Conclusions, References, Bibliography, Appendices if needed)

Tables, diagrams, graphs, maths, headings, referenes to diagrams, layout etc 5 marks,

Presentation (i.e. hard copy) 5 marks