

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

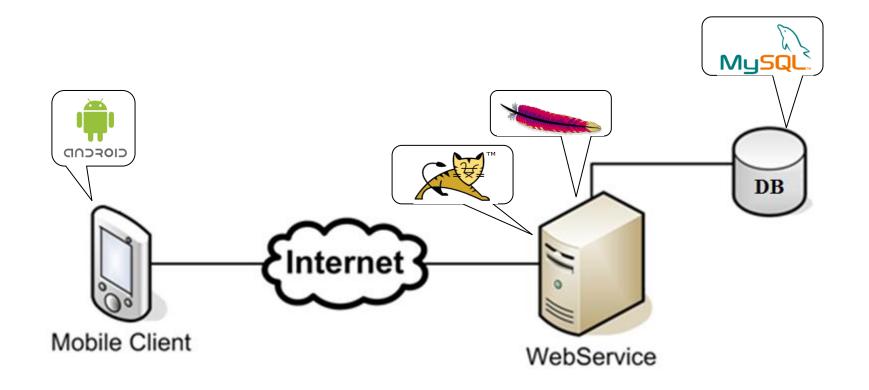
Application Development for Mobile and Ubiquitous Computing

Seminar Task

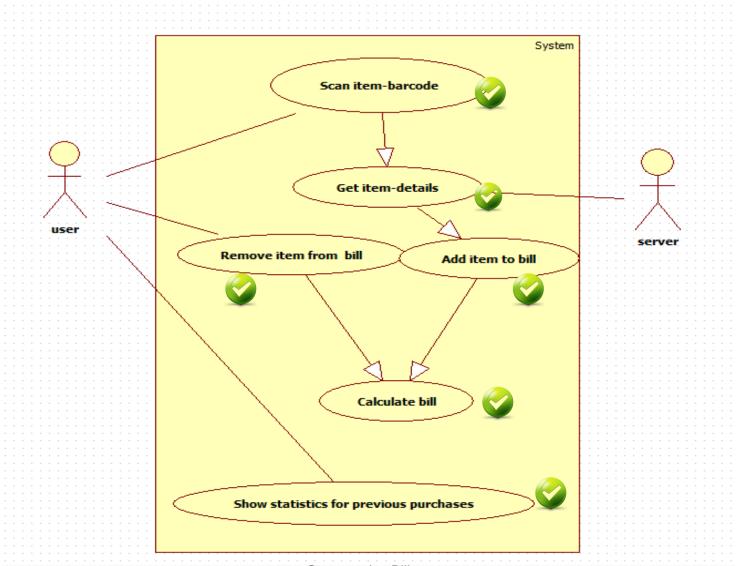
Supermarket Bill - Final Presentation

GroupNo. : 2 Team: Luiz Alberto de Assis Borges Chinthaka Henadeera











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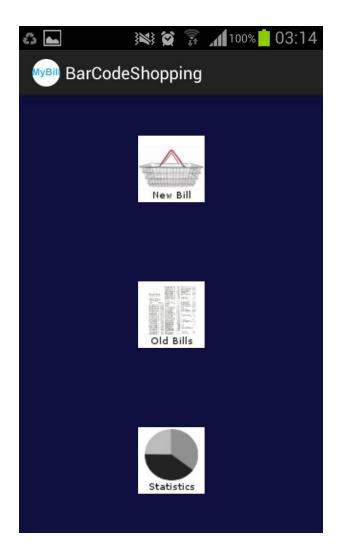
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3 BOILED RICE 1KG	1	0.98
4 PINEAPPLE BIG	1	0.90
5 COCONUT OIL 1L BOTTLE	2	4.20





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3 BOILED RICE 1KG	1	0.98
4 MUNCHI BUISCUIT 300G	2	2
5 CEYLON TEA 250G		4.05
6 BON BON 500G PKT	1	0.45



Main issues in mobile computing we had to tackle are

- Concurrency control at packet losses, packet delays, packet reordering environments. Our implementation is lock free.

 Simple xml parsing (no standard xml marshalling or unmarshalling method as we deal with a small xml).
 We used array based method.

- Same array based method is used to http error handling.



- There are still trivial known issue in concurrency control of our android client. But practically difficult to experiance for the real world users.
- We experianced an unkown problem with SQLite when dropping databases. We guess this is related to root permission of the android O/S.
- This was our first Android & SQLite experiance. Hence we had to spent long time to learn about the groundwork.