



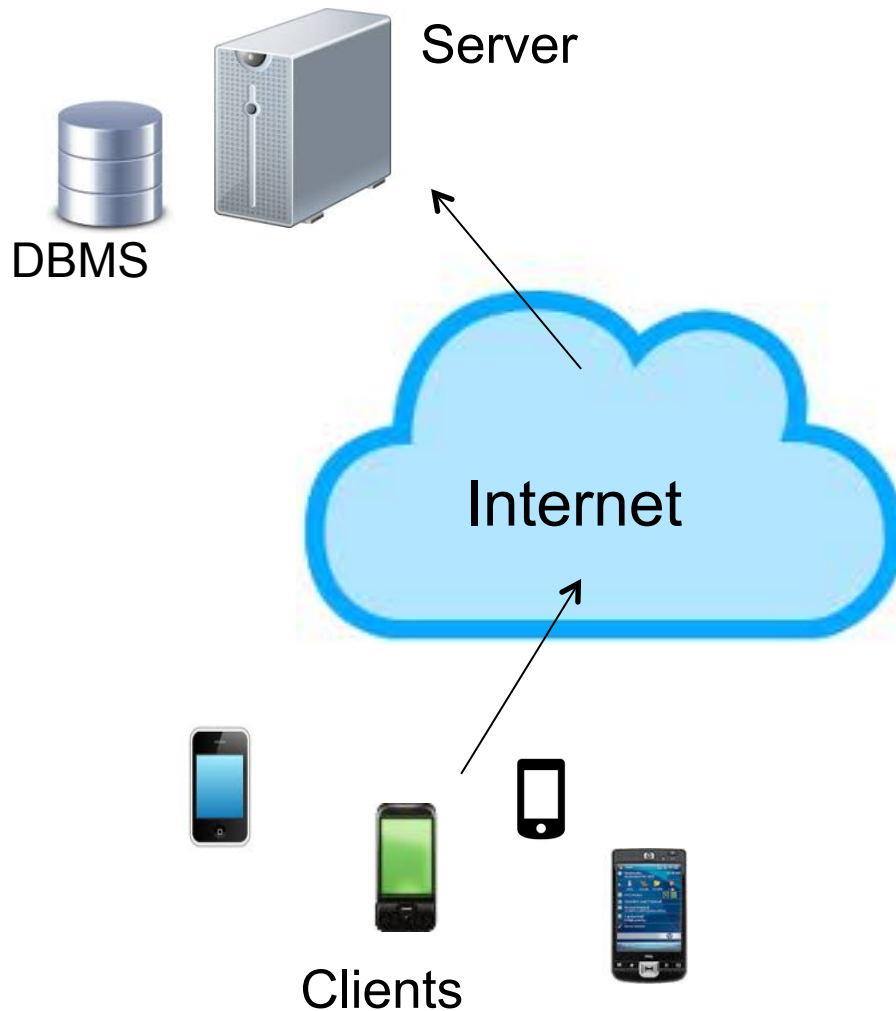
Mobile Backup Manager

Third Presentation

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- Application Scenario
- Screenshots
- Implementation Details
- Use cases
- Discussion / Assessment

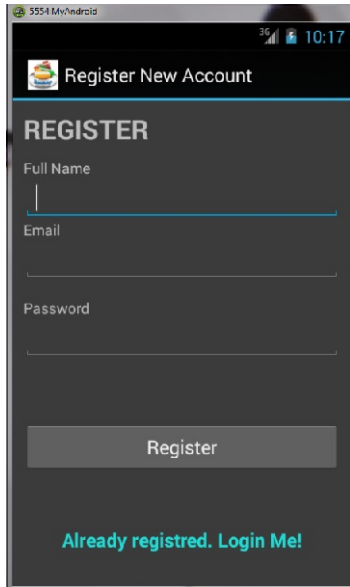
- Application can backup (and restore):
 - Contacts
 - SMS
 - Files
- Backups can be stored on SD card or in device memory.
- The user should be able to browse files from device memory.
- Application uploads backup files to the server.
- Registration/Login functionality to maintain personal account.
- A web interface showing current list of files against the respective users and file details on server.



- Server
 - Apache
 - Admin UI - PHP
 - Database – MySQL
 - REST API

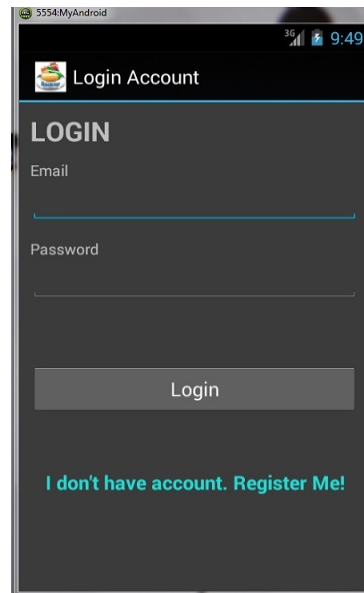
- Client
 - Android
 - SQLite
 - REST API

Screenshots (Client)



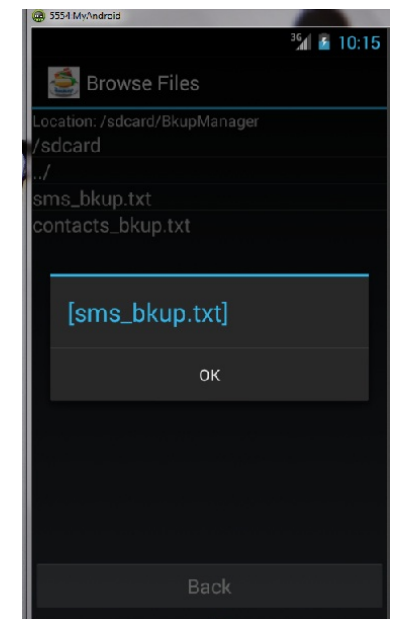
Registration

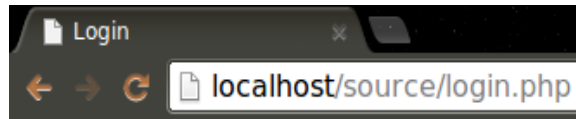
Login



Main Screen

File Browser





Login

* required fields

UserName*:

atul

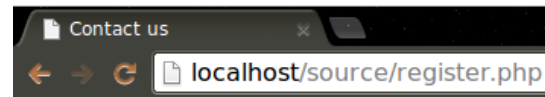
Password*:

Submit

[Forgot Password?](#)

Login

Registration



Register

* required fields

Your Full Name*:

jshdjkh jshdfjksh

Email Address*:

sahhdjs@jhas.com

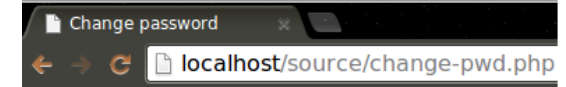
UserName*:

atul

Password*:

[Show](#) [Generate](#)

Submit



Change Password

* required fields

Old Password*:

[Show](#)

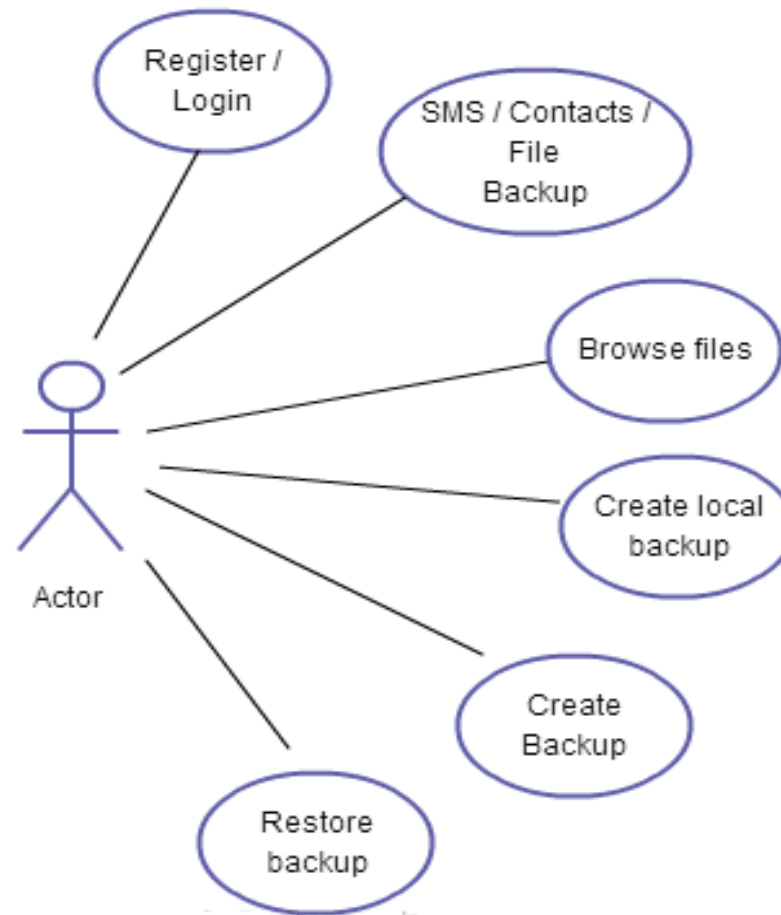
New Password*:

[Show](#) [Generate](#)

Submit

[Home](#)

Change Password



- Challenges
 - Extracting and parsing contacts and messages
 - File Browser
 - Managing session – SQLite
 - REST / JSON
 - Problem in connecting App to server (Network configuration) - Thread policy

- Limitations
 - Scheduling jobs for automatic backup to the server.
 - Tool lacks multiple platform support (available only for Android).