

The Address Book



Features

- ❖ Add A Contact
- ❖ Search for Contact
- ❖ Edit A Contact
- ❖ Delete A Contact

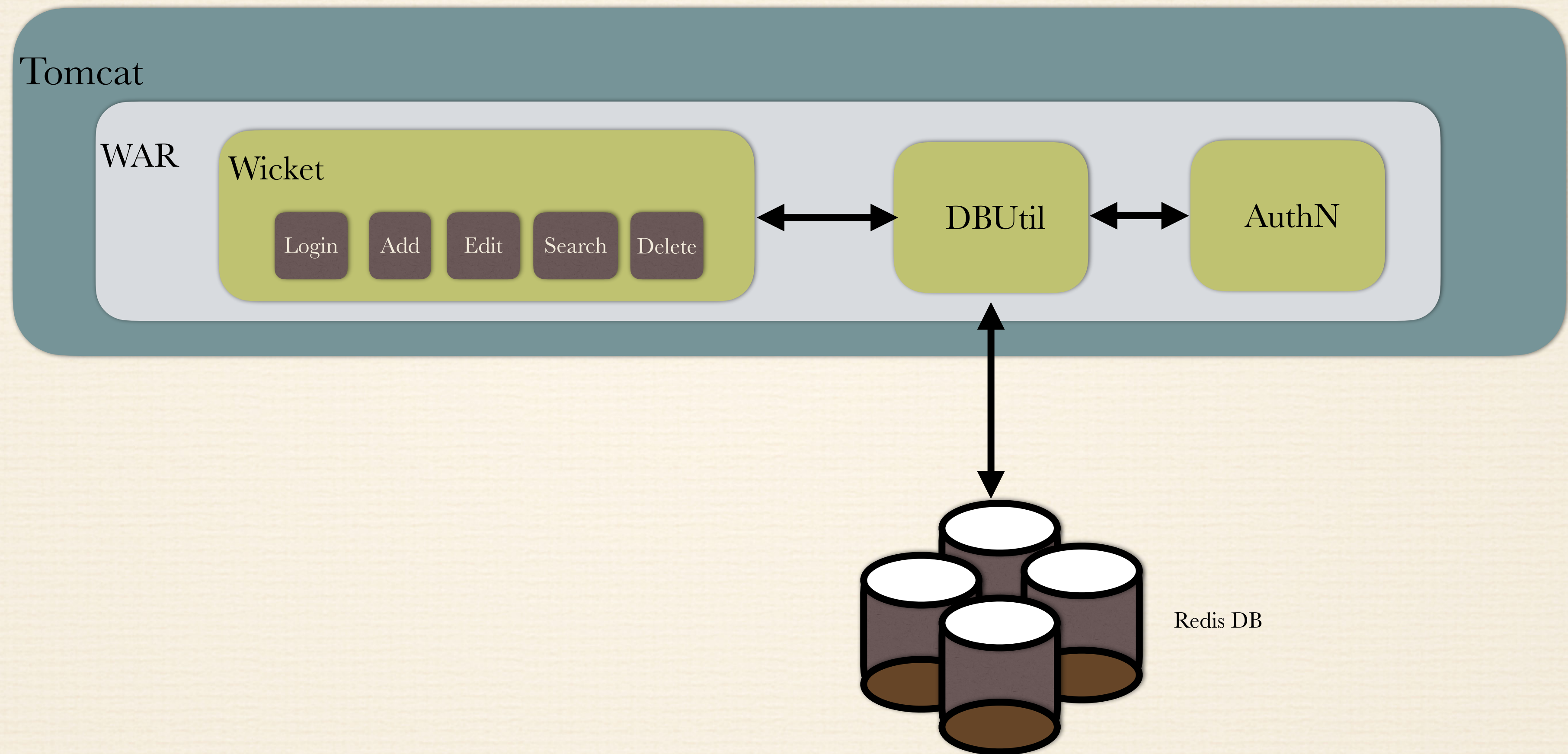
Demo

❖ Link: <http://localhost:8080>

Tech Stack

- ❖ Apache Wicket v9.0
- ❖ Redis v6.0.9
- ❖ Tomcat v9.0.4
- ❖ Java 1.8

Architecture



To Do:

- ❖ JUnit test classes.
- ❖ Regex validation phone number.
- ❖ Presentable feedback to user.
- ❖ Exception handling for negative test cases, system failures.
- ❖ Application hardening for web attacks.

Roadmap

❖ **Release 1:**

- ❖ Additional contact attributes such as
 - ❖ Multiple phone numbers home, office, landline, mobile etc
 - ❖ Virtual Address : Website, Facebook, LinkedIn, Slack addresses.
- ❖ Search capability based on other attributes ex: lastname, emailId, Social identities.
- ❖ Sort capability based on other attributes ex: lastname, emailId.

Roadmap - Contd

❖ **Release 2:**

- ❖ Admin Screens.
- ❖ Enable Address Book for Mobile users
- ❖ Open up address book for general public & Business houses.
 - ❖ Setup User profile, and features for private & public contacts.
 - ❖ Upgrade infrastructure/Move to cloud.
 - ❖ Build stronger authentication schemes.
 - ❖ Integrate with external authentication services from Google, Facebook, Apple, Microsoft..

Roadmap - Contd

❖ **Release 3:**

- ❖ Enable “Contact groups”
- ❖ Interact with popular social platforms such as Facebook, Google, WhatsApp etc to provide a holistic approach to maintain contact list across multiple accounts.
- ❖ Make searches context driven.

Roadmap - Contd

- ❖ **Release 3+:**

- ❖ Monetize data through advertisements.
- ❖ Enable financial services between contacts ex: Money transfers, BillPay etc
- ❖ Virtual Money ??

Thank You