Cupcake

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<https://github.com/Schwencke/Cupcake>

Hold C8

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# Indledning

Cupcake er et demonstration af en JavaEE webapplikation udviklet til at køre på Tomcat webcontainer vha. Java, MySql, HTML, CSS, Twitter Bootstrap.

Projektet er bygget på denne startkode: <https://github.com/jonbertelsen/sem2-startcode> udviklet af lærere fra CPH Business over en periode på 3-4 år.

**The startcode is:**

* A client/server multipage application developed in Java, JSP, html, css, and bootstrap.
* Built with Maven
* Maintained in a GitHub repository
* Supposed to be deployed on a Tomcat Webcontainer v. 8 or 9.

**The startcode makes use of several design patterns:**

* Model View Controller (MVC pattern)
* Frontcontroller pattern
* Command pattern
* Singleton pattern
* Facade pattern
* Dependency injection

**The startcode contains these features out of the box:**

* A frontpage with a header, body, footer, main menu, and links to login and sign up page
* A basic design template with html, css, and bootstrap
* A login page
* A registration / sign up page
* A logout method
* A customer page that can only be accessed by a logged-in user with a customer role
* An Employee page that can only be accessed by a logged-in user with an employee role
* A layered architecture with a frontend, facades, persistence, entities, services and more
* A database and datamapper to handle user logins
* A skeleton for exception handling and logging
* The ability to handle deep url-linking
* A basic security layer, that protects certain pages based on user login and roles
* An easy way to initialize datastructures for the application at first contact
* The JDBC connection is prepared to be initialized from environment variables to avoid exposing credentials on GitHub.

# Baggrund

# Teknologi Valg

# Krav

# Aktivitetsdiagram

# Domæne model og ER diagram

# Navigationsdiagram

# Særlige forhold

# Status på implementering

# Proces