

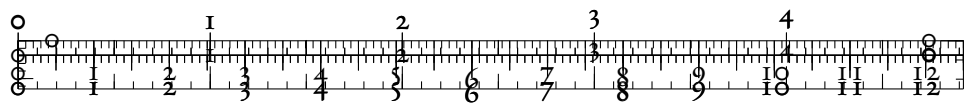
# A Collaborative Visual Database

*by*

Imed Adel

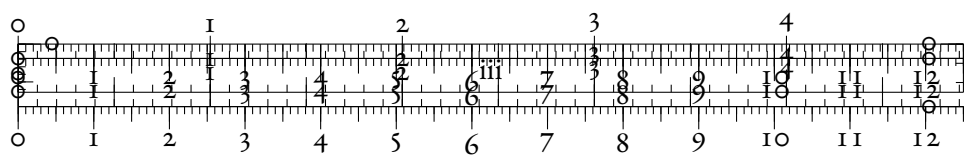
ESSTHS



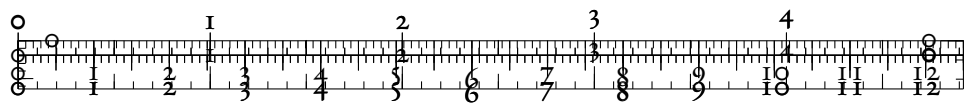


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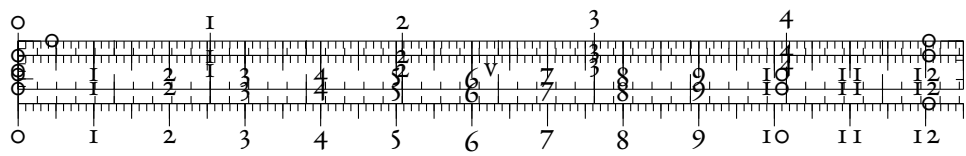
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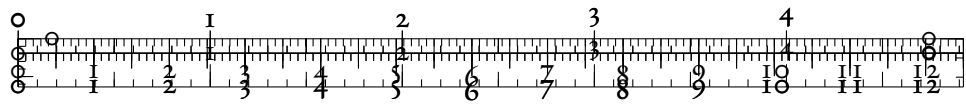






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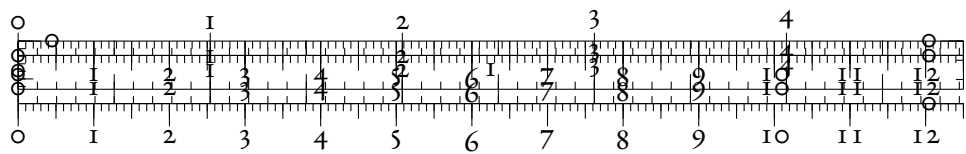


# I Conceptual study

## I.O.I Sequence diagrams

### Sign up

Figure I.1 represents the sequence diagram for "sign up".



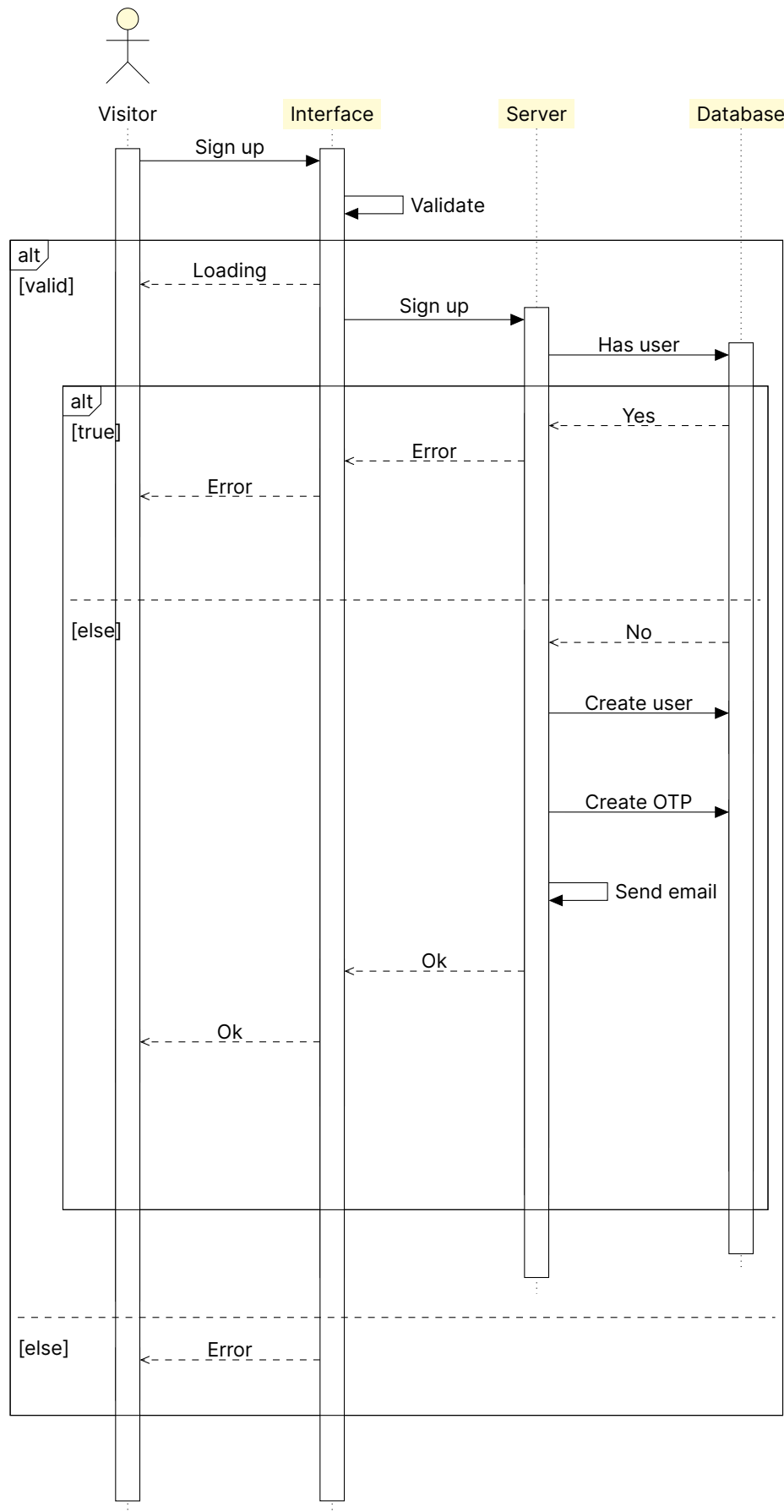
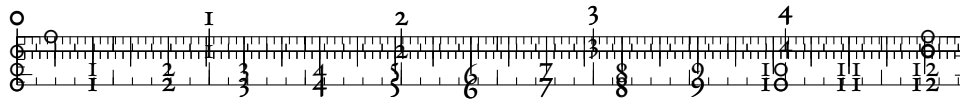


Figure 1.1: "Sign up" sequence diagram



## Acronyms

## CmRDT Commutative Replicated Data Type

**CMS** Content Management Software

## CRDT Conflict-free Replicated Data Type

## CvRDT Convergent Replicated Data Type

**DOM** Document Object Model

## FDD Feature-Driven Development

## JSON JavaScript Object Notation

## MVC Model-View-Controller

## MVVM Model-View-ViewModel

**OT** Operational Transformation

**P2P** Peer-To-Peer

**RBAC** Role-Based Access Control

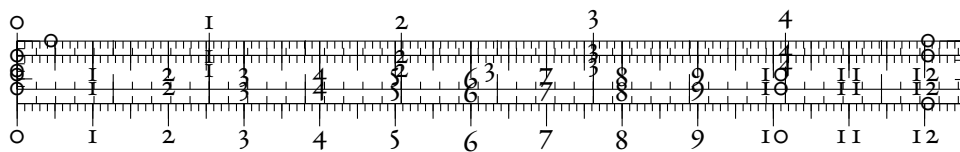
## RDMBS Relational Database Management System

## SaaS Software as a Service

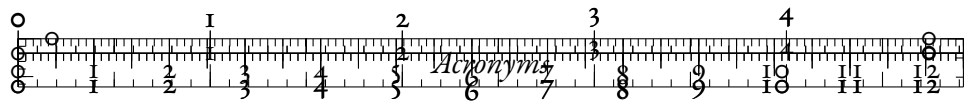
**SDK** Software Development Kit

**SSPL** Server Side Public License

**UI** User Interface



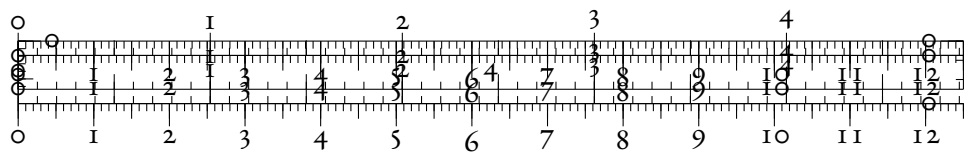


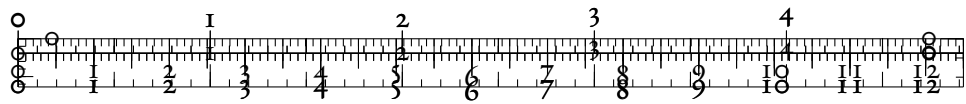


**UX** User Experience

**WAI-ARIA** Web Accessibility Initiative – Accessible Rich Internet Applications

**WOOT** WithOut Operational Transformation

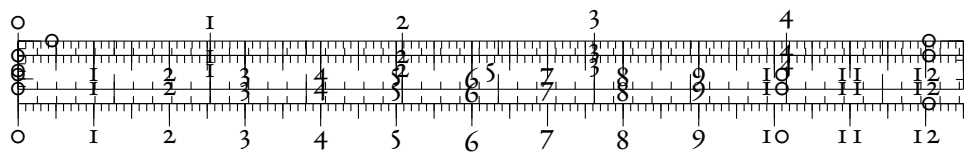


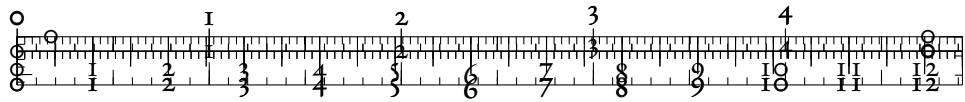


# Glossary

**cacheable** A cacheable response is an HTTP response that is stored to be retrieved and used later, saving a new request to the server [1].

**polyfill** A piece of code used to provide modern functionality on older browsers that do not natively support it [2].





# Bibliography

- [1] *Cacheable - MDN Web Docs Glossary: Definitions of Web-related terms* | MDN. en-US. URL: <https://developer.mozilla.org/en-US/docs/Glossary/cacheable> (visited on 06/07/2021).
- [2] *Polyfill - MDN Web Docs Glossary: Definitions of Web-related terms* | MDN. en-US. URL: <https://developer.mozilla.org/en-US/docs/Glossary/Polyfill> (visited on 06/07/2021).

