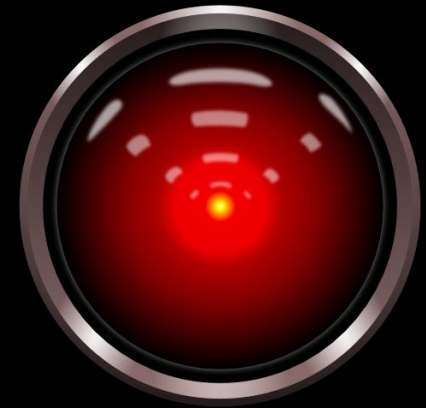
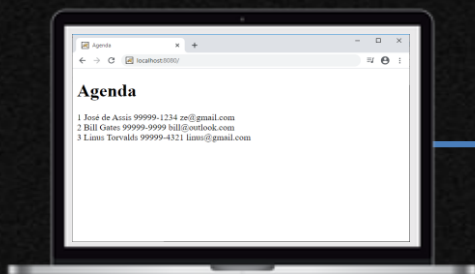




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Cliente Web Browser



Servidor WEB



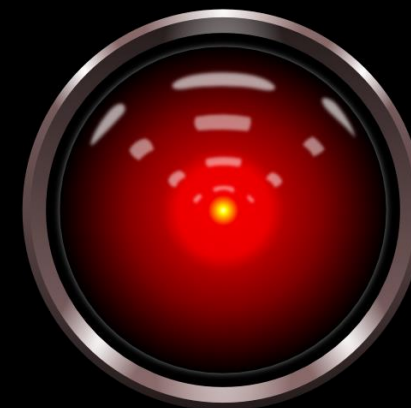
Solicitação http ou https



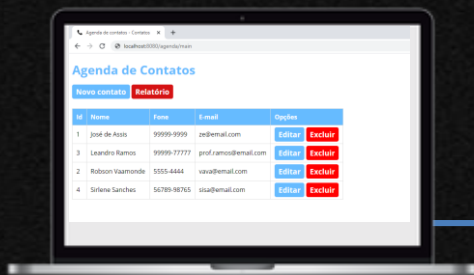
Resposta



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Cliente Web Browser



Servidor Java



Requisição http ou https

Resposta

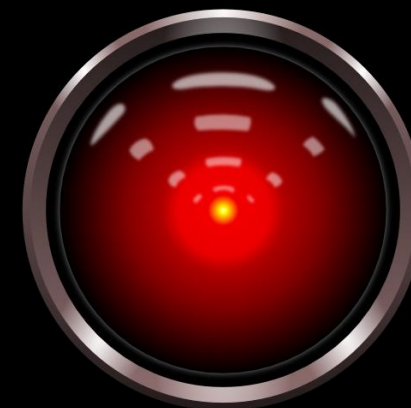
Container



Servlet



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José de Assis



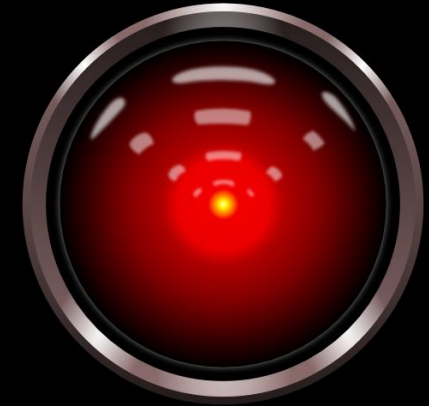
Java EE (Enterprise Edition)



Servlet



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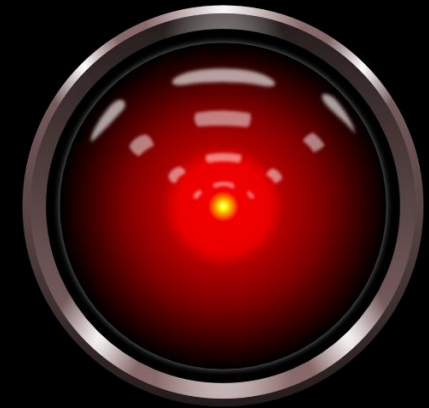
Ambiente de desenvolvimento

- JDK (Java Development Kit)
- Eclipse IDE Enterprise Edition
- Apache tomcat
- MySQL

JDK



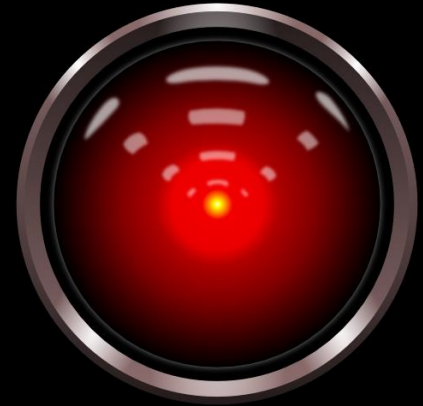
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Servlet



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Requisição http ou https
Resposta

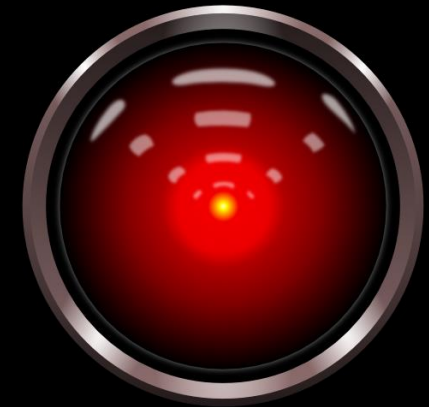
Container



Servlet



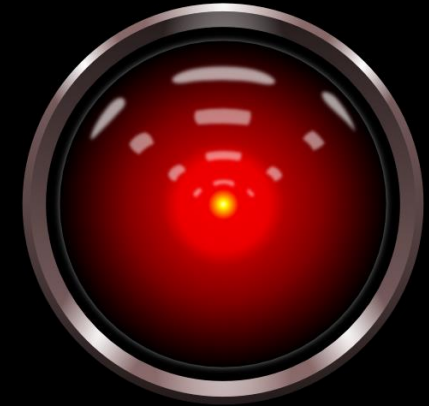
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Java Server Pages



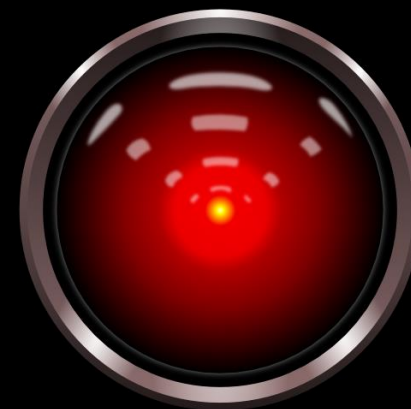
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Servlet x JSP



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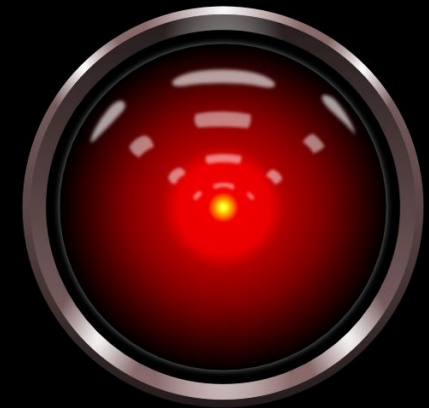


Sintaxe dos elementos JSP

Scriptlet:	<%	%>
Comentários:	<%--	--%>
Diretivas:	<%@	%>
Declarações:	<%!	%>
Expressões:	<%=	%>



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Projeto

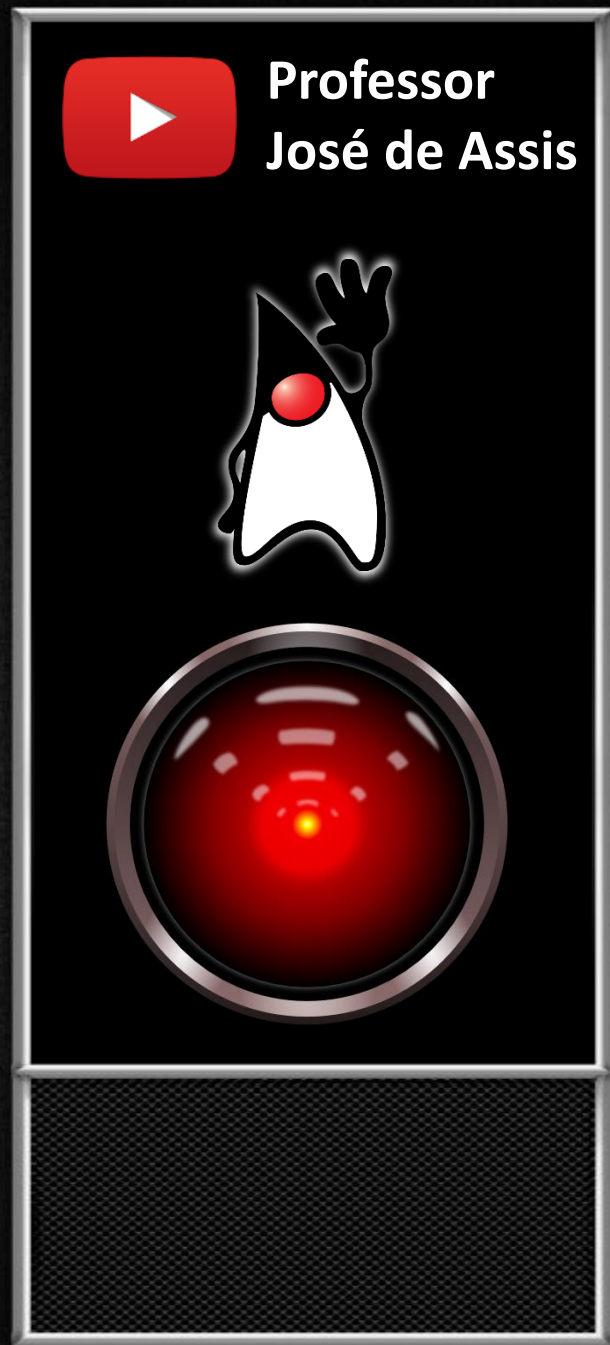
Agenda de contatos - Contatos x +

localhost:8080/agenda/main

Agenda de Contatos

[Novo contato](#) [Relatório](#)

Id	Nome	Fone	E-mail	Opções
1	José de Assis	99999-9999	ze@email.com	Editar Excluir
3	Leandro Ramos	99999-77777	prof.ramos@email.com	Editar Excluir
2	Robson Vaamonde	5555-4444	vava@email.com	Editar Excluir
4	Sirlene Sanches	56789-98765	sisa@email.com	Editar Excluir



Tecnologias

Servidor Tomcat

Java EE – Servlet e JSP

IDE Eclipse

MySQL (CRUD – Create Read Update Delete)

MVC (Model View Controller)

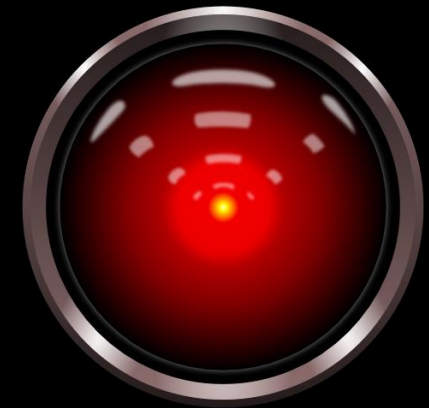
JavaBeans

JDBC (Java Database Connectivity)

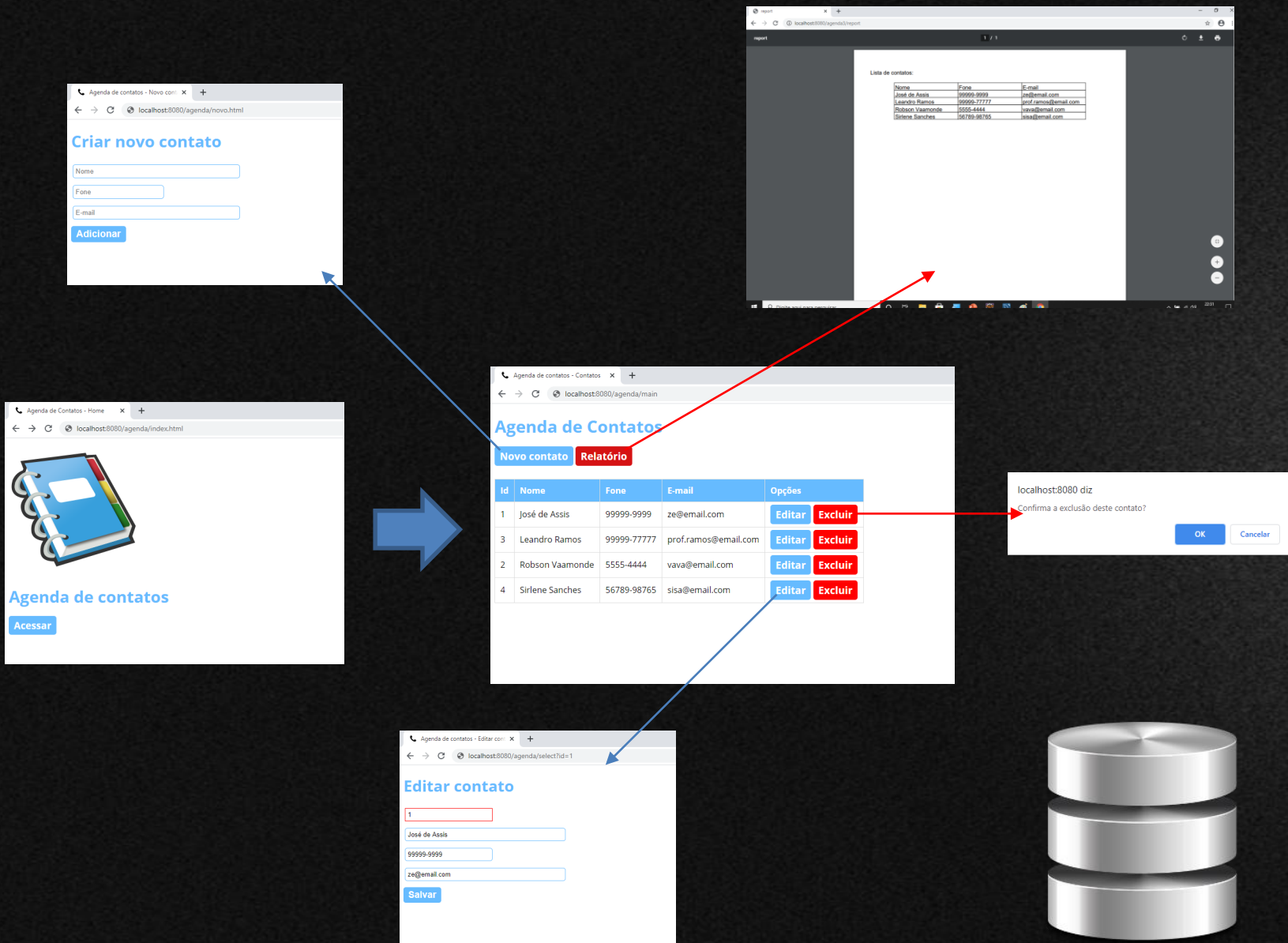
iText




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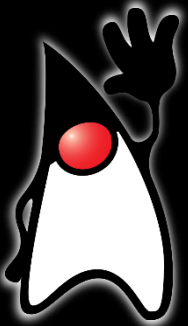


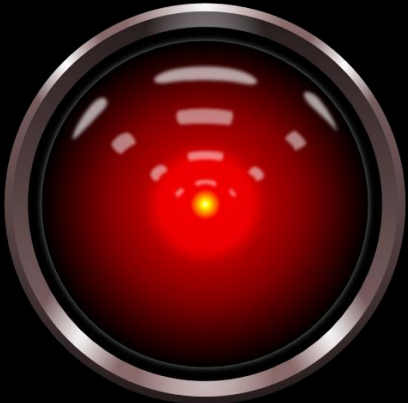
Agenda de Contatos






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Banco de Dados

Agenda de contatos - Contatos x +

localhost:8080/agenda/main

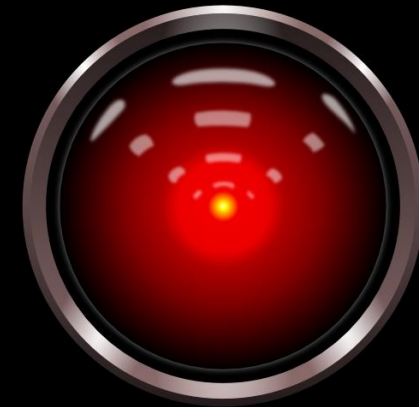
Agenda de Contatos

[Novo contato](#) [Relatório](#)

Id	Nome	Fone	E-mail	Opções
1	José de Assis	99999-9999	ze@email.com	Editar Excluir
3	Leandro Ramos	99999-7777	prof.ramos@email.com	Editar Excluir
2	Robson Vaamonde	5555-4444	vava@email.com	Editar Excluir
4	Sirlene Sanches	56789-98765	sisa@email.com	Editar Excluir

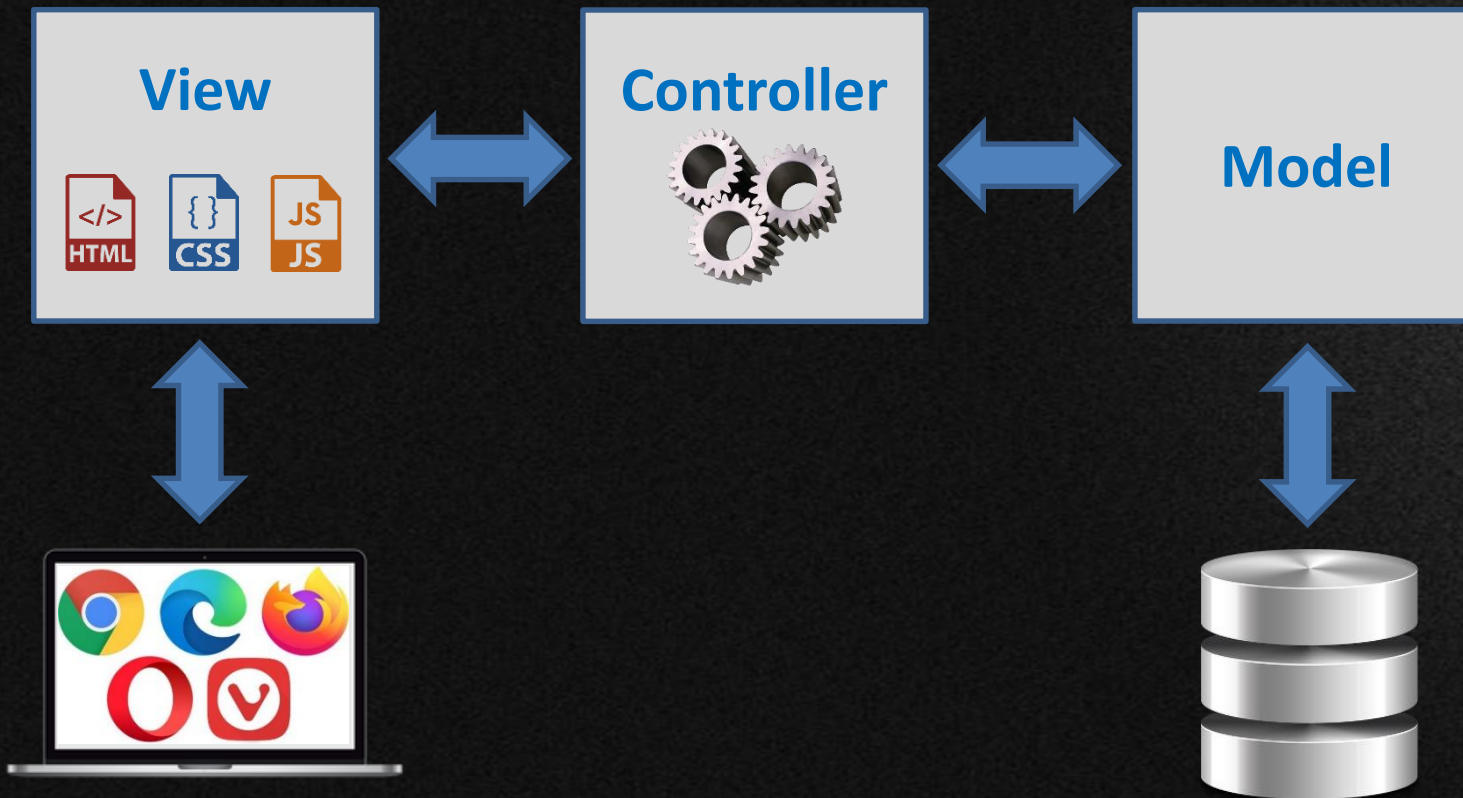


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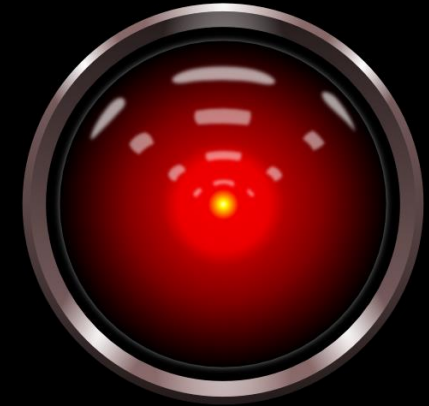


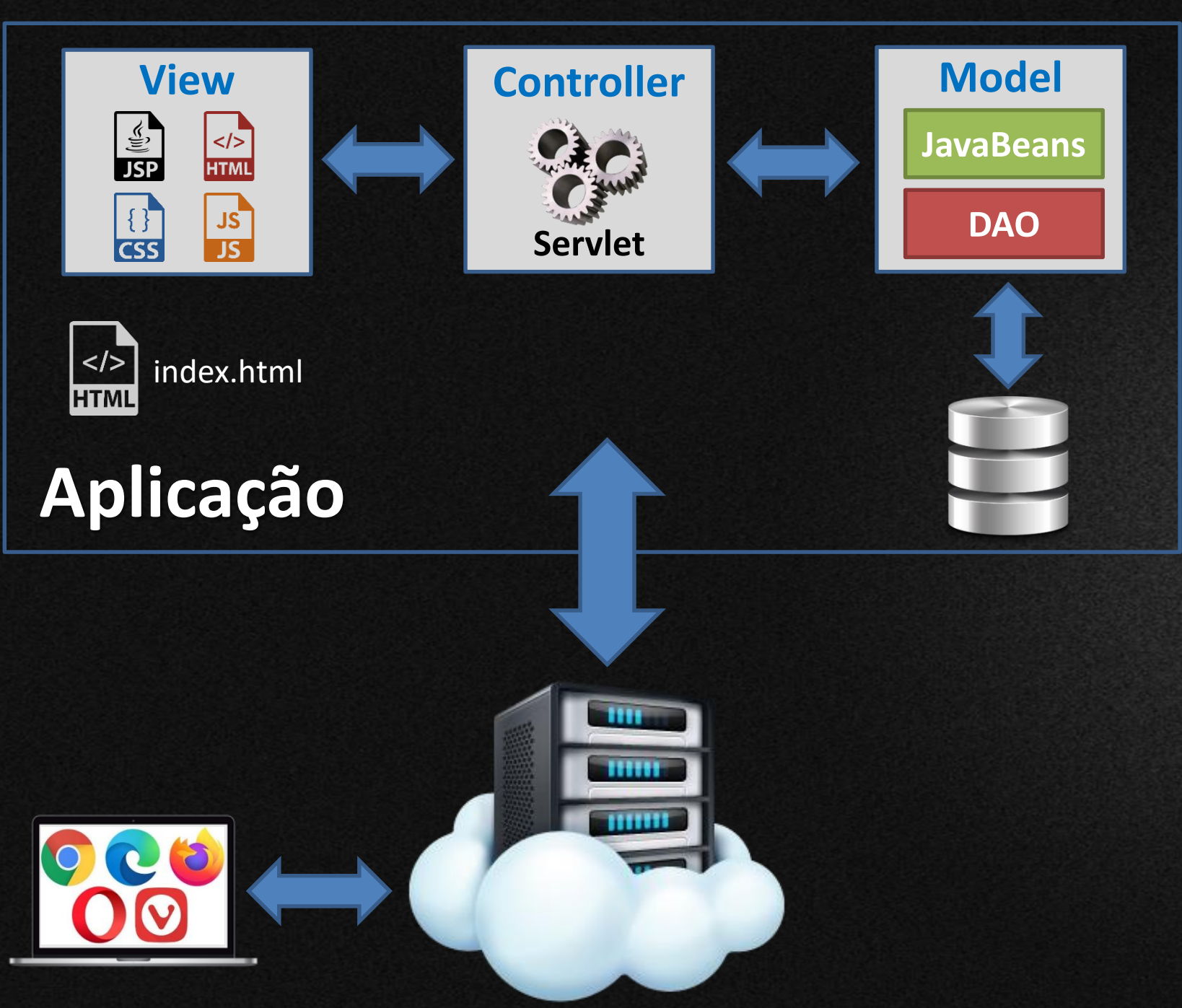
MVC


Model View Controller




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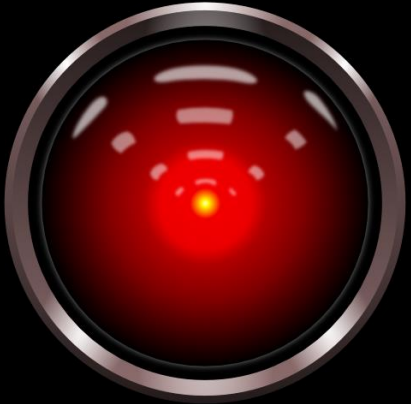







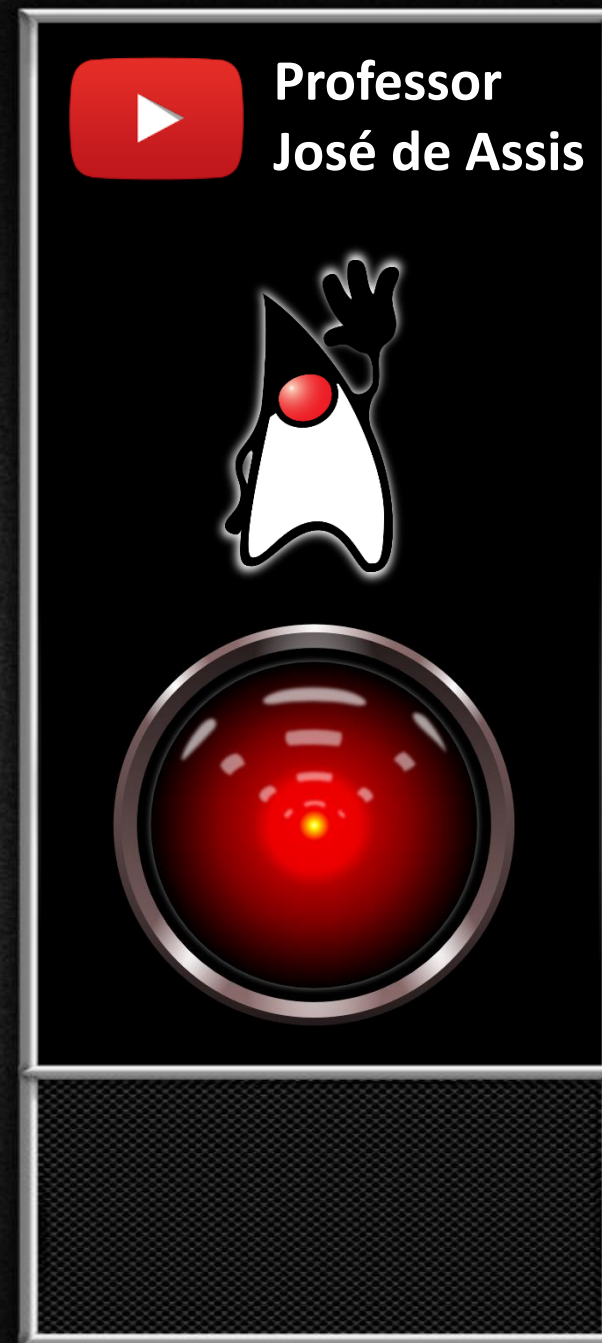
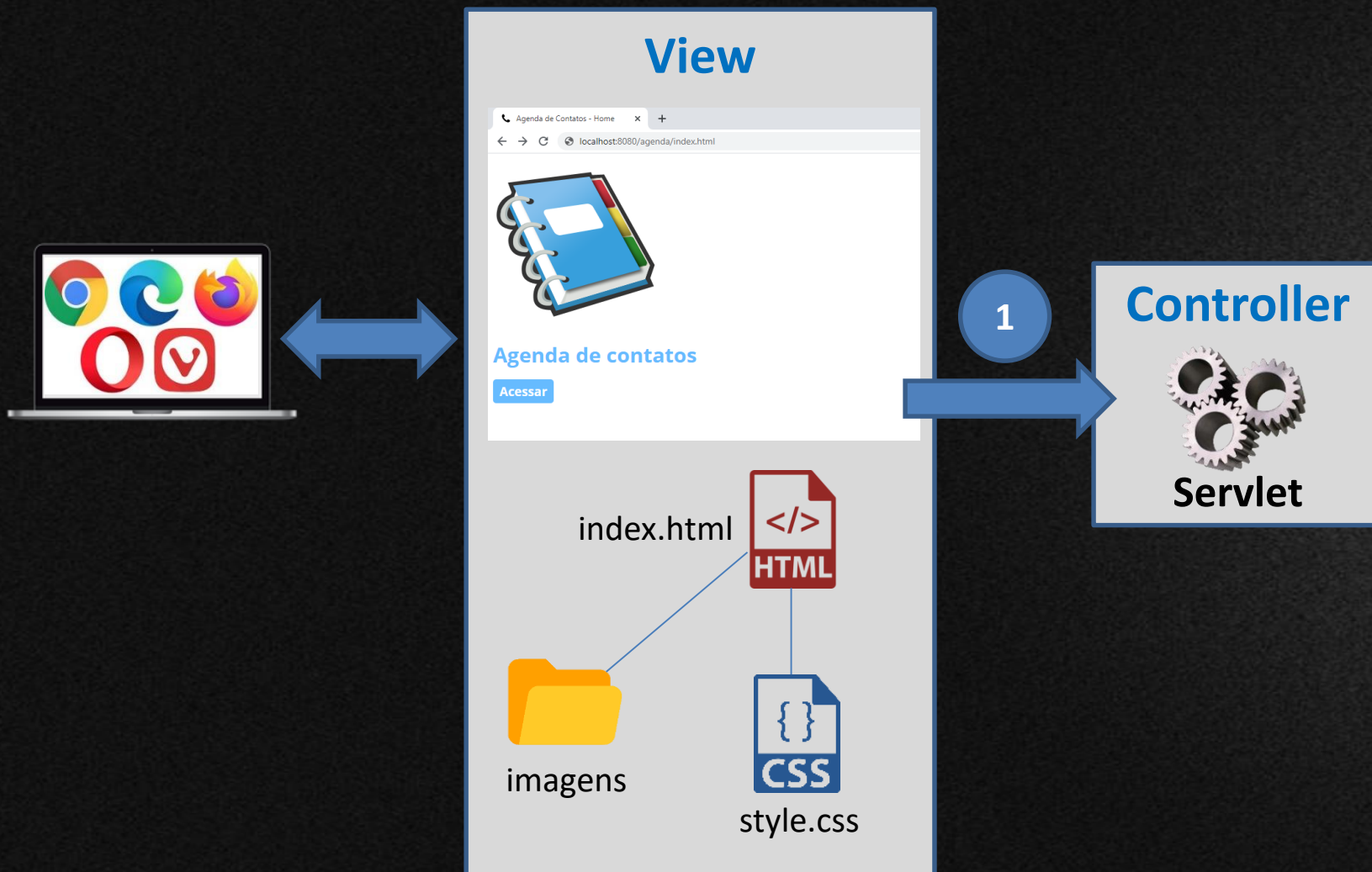
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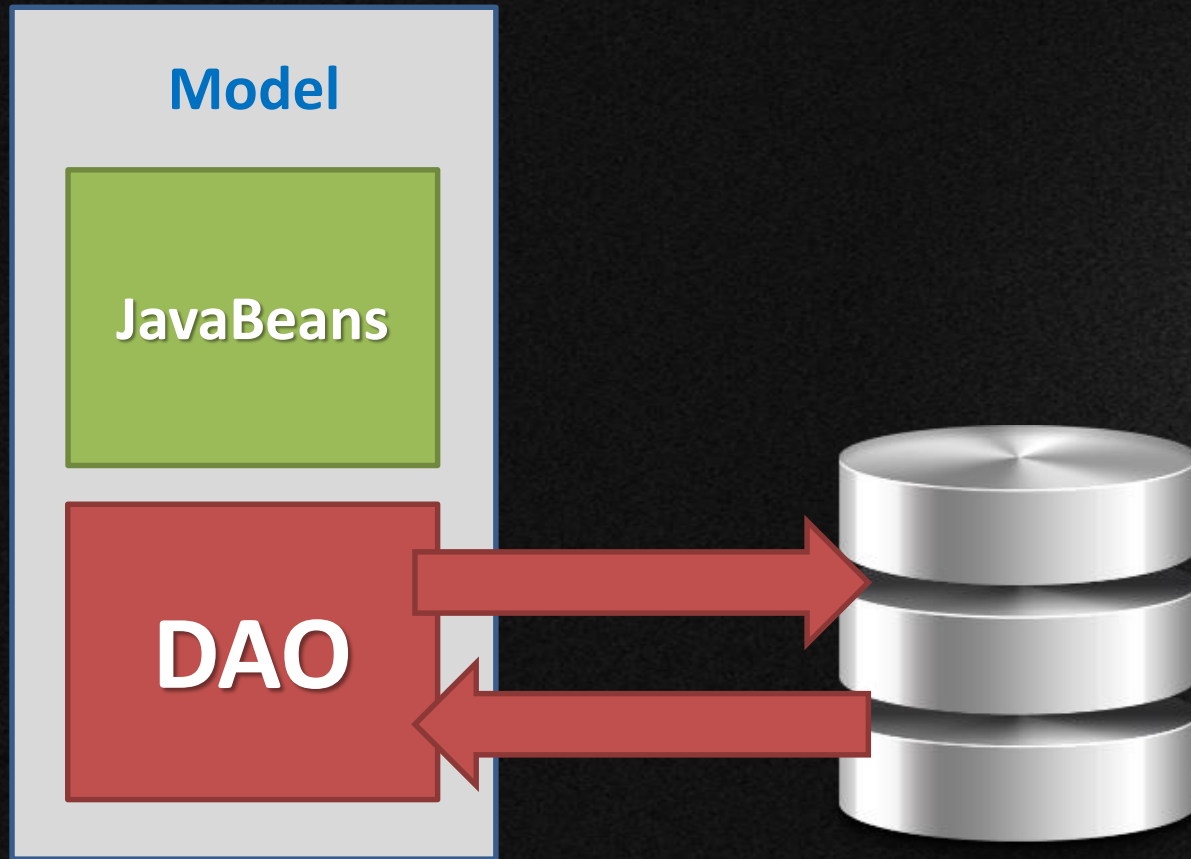




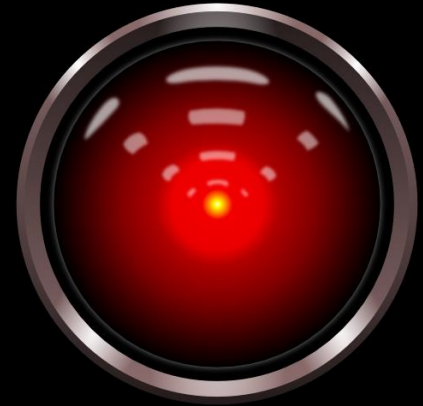
REQUISIÇÕES



MODEL



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JDBC

classe

DriverManager

interface

Connection

Módulo de conexão

Driver (Tipo de banco de dados)
URL (IP ou domínio do servidor)
Banco (Nome do banco de dados)
Autenticação (Usuário e senha)

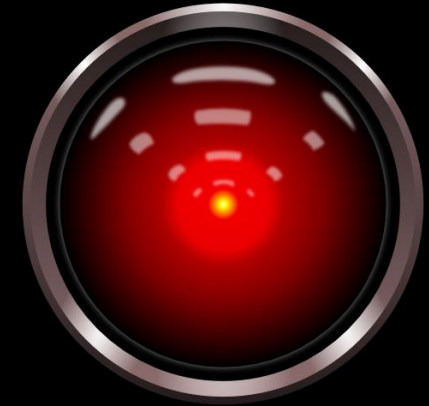
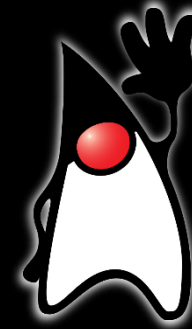
Model

JavaBeans

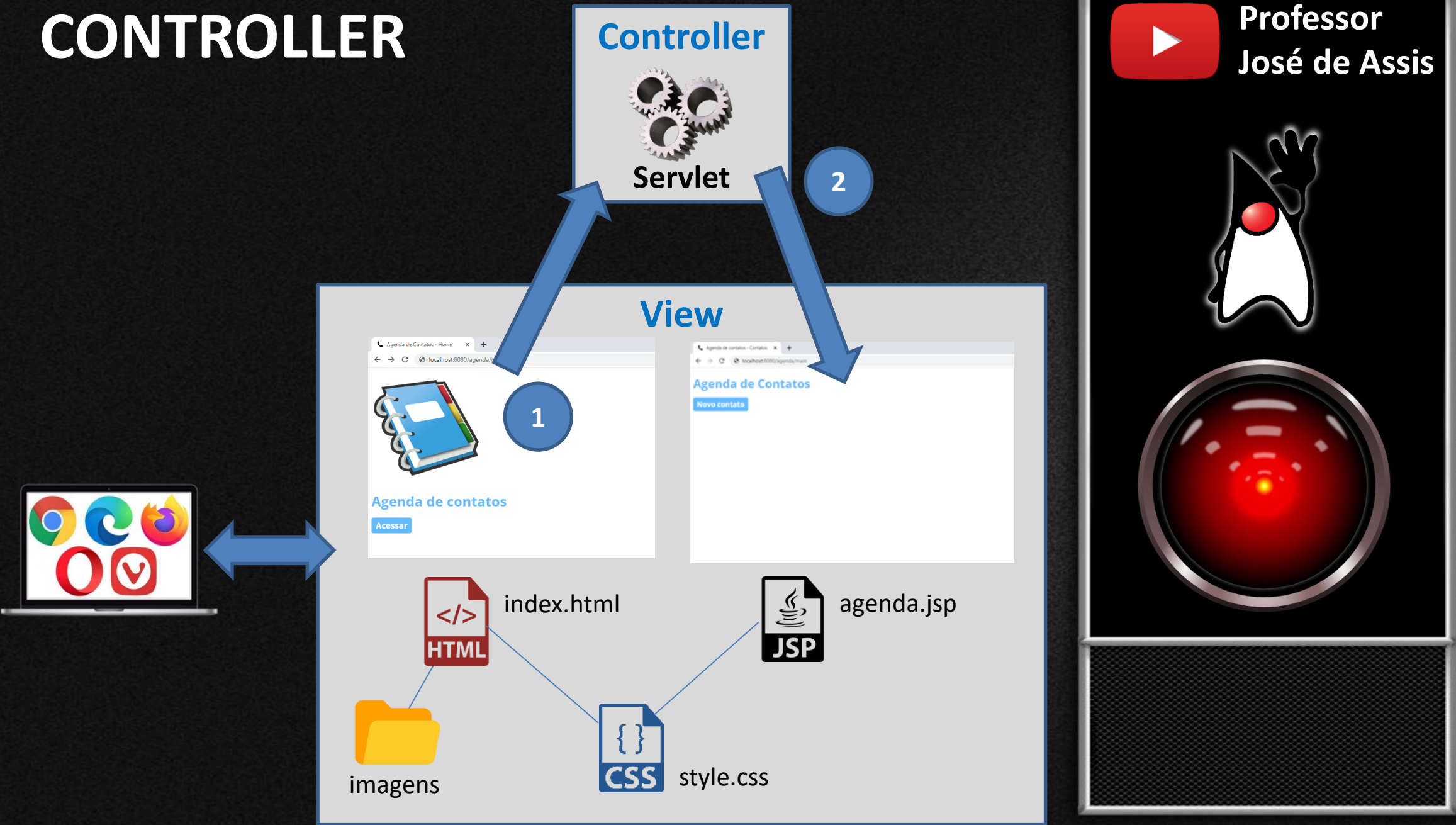
DAO



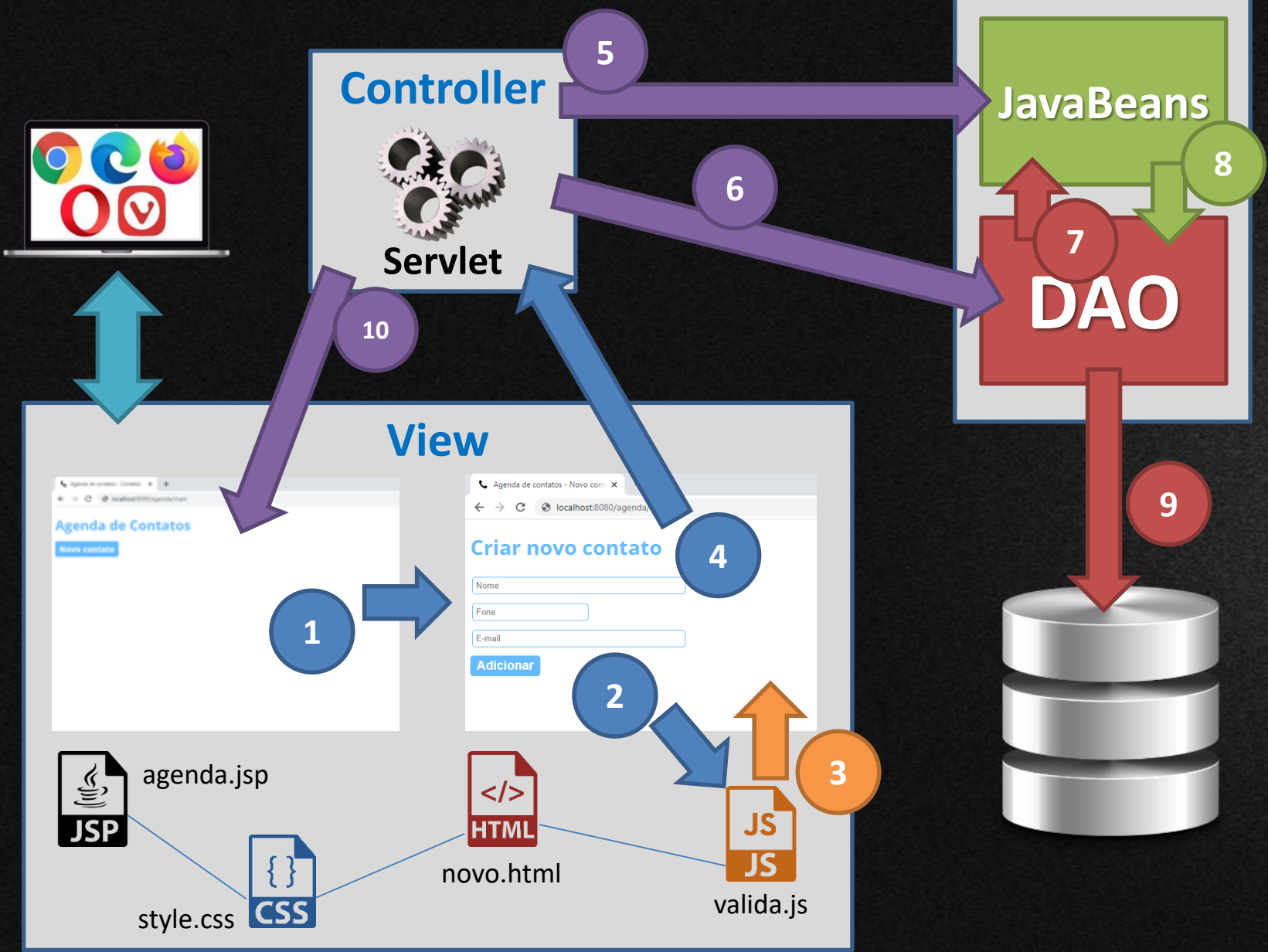
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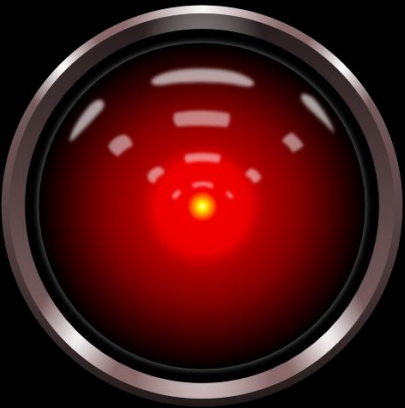
CONTROLLER



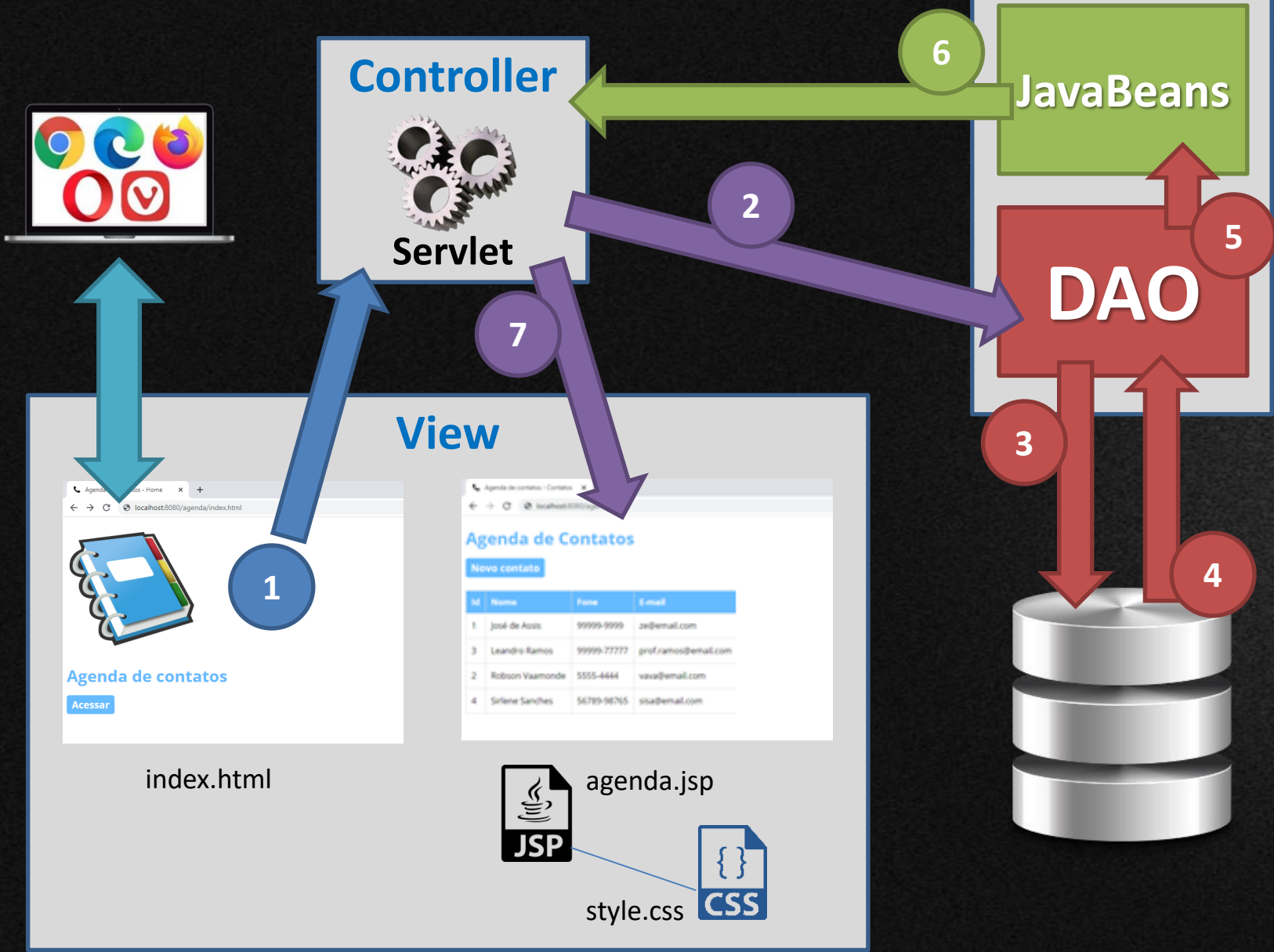
CRUD - CREATE




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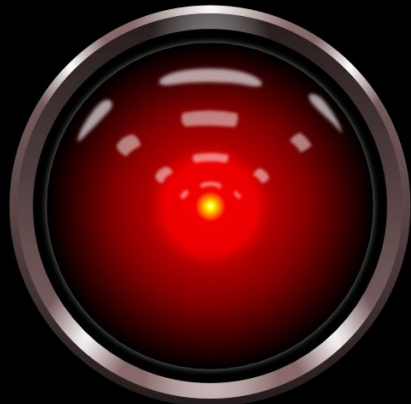
CRUD - READ






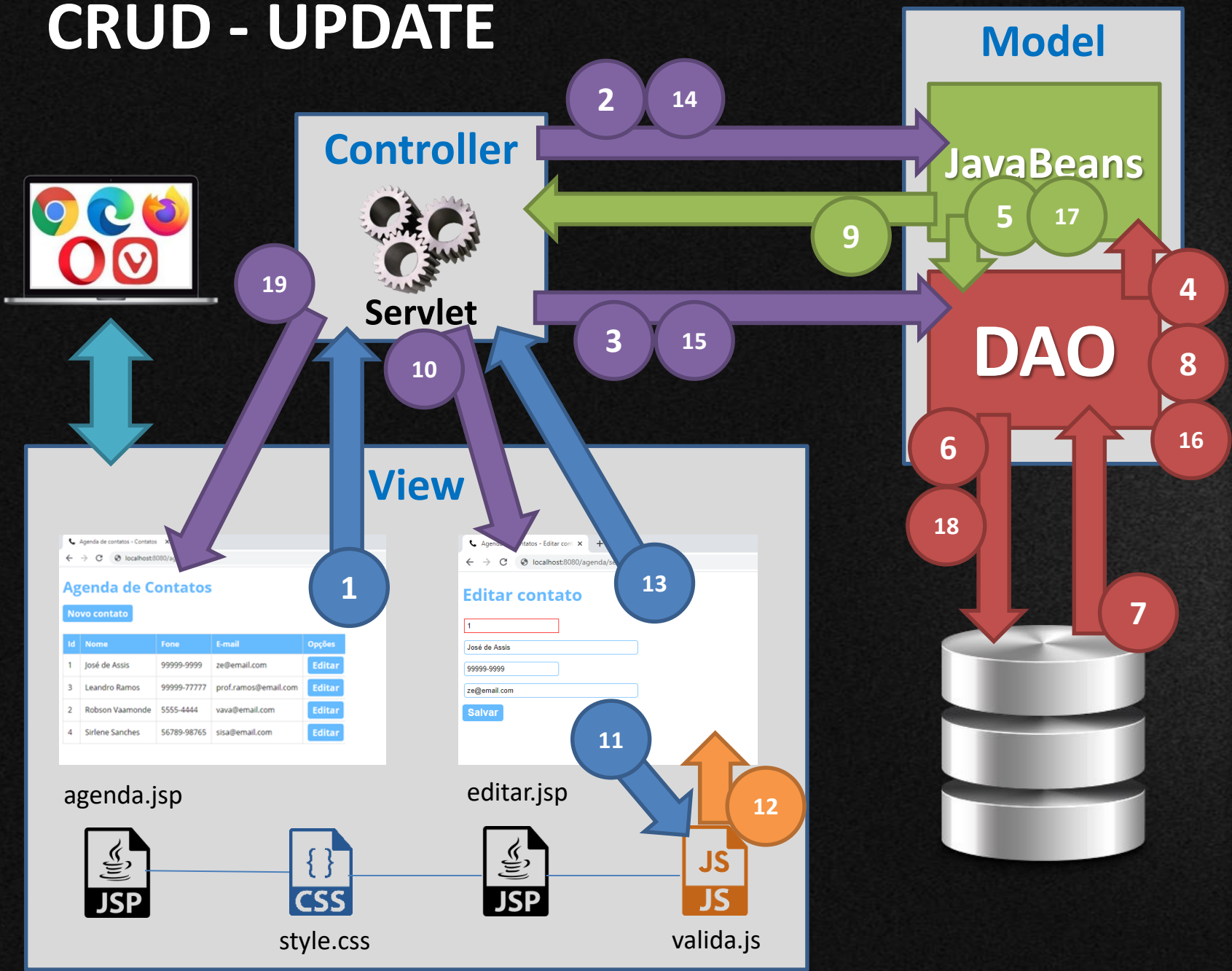
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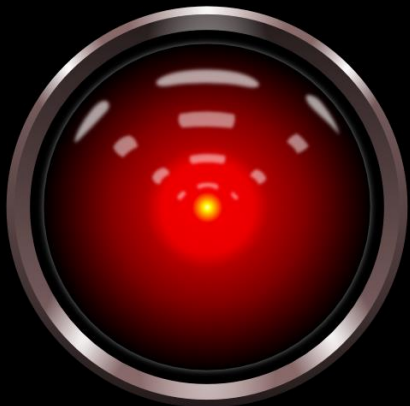




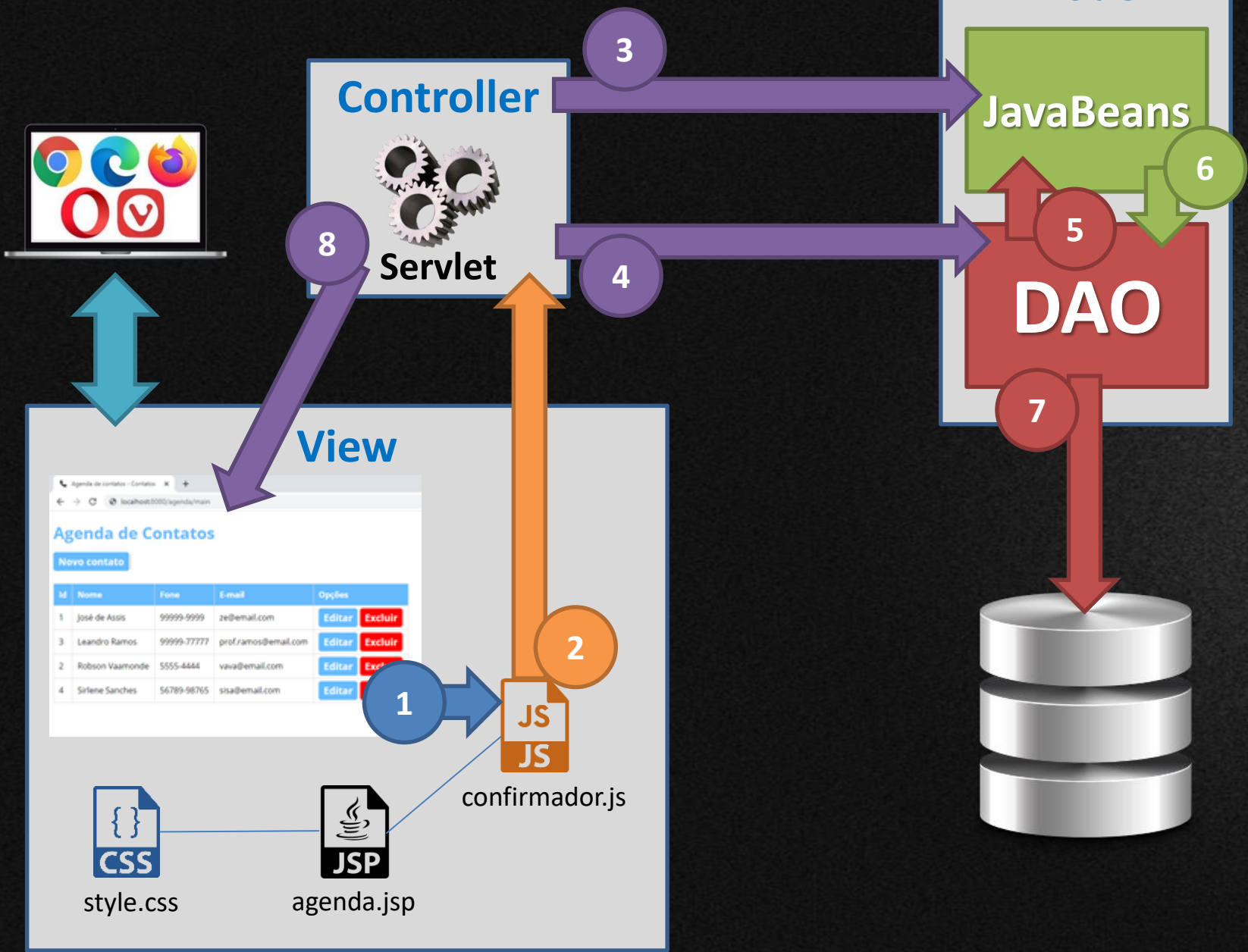
CRUD - UPDATE



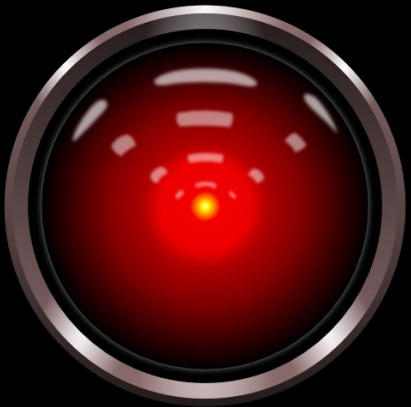
Professor
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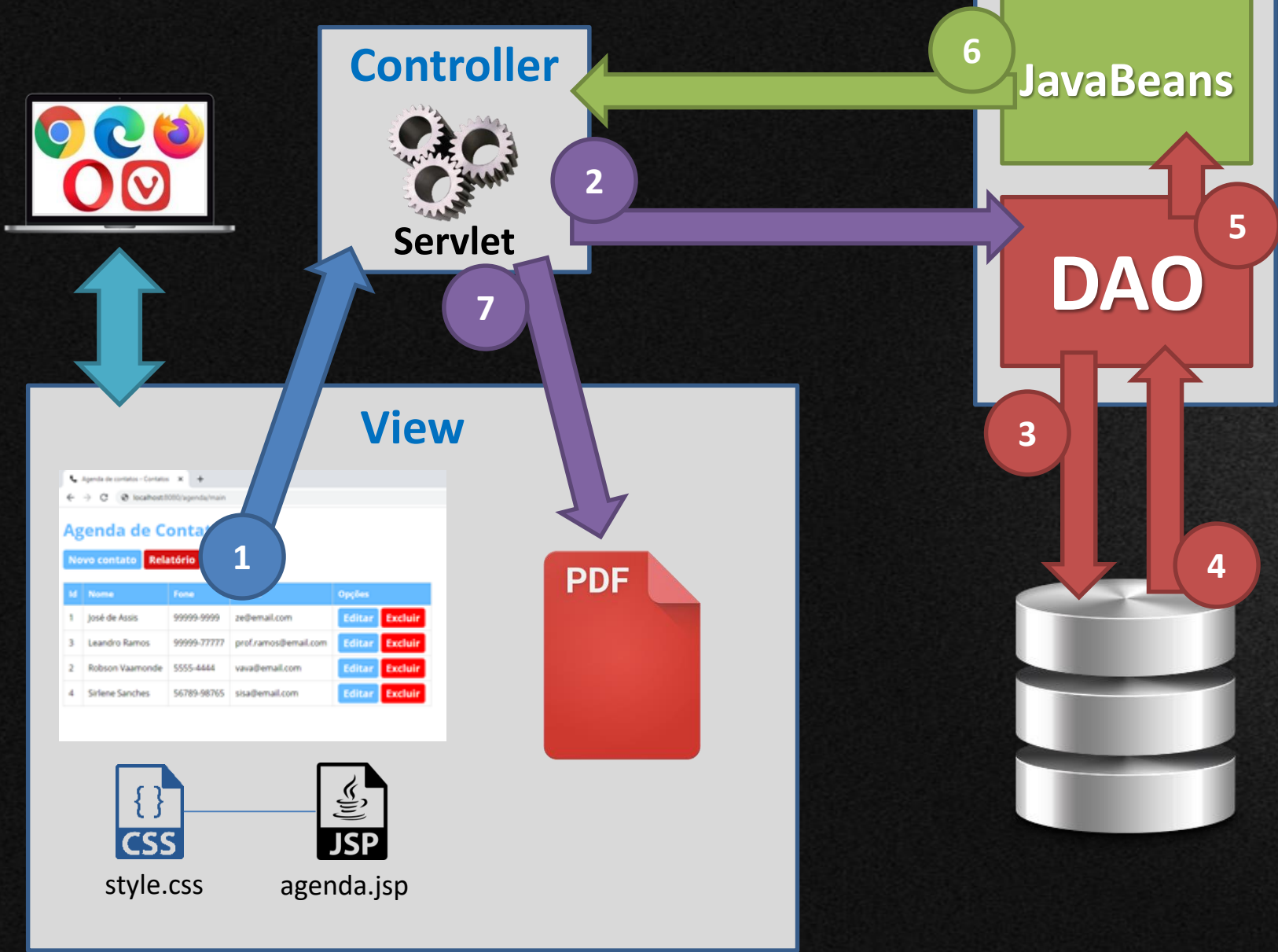
CRUD - DELETE




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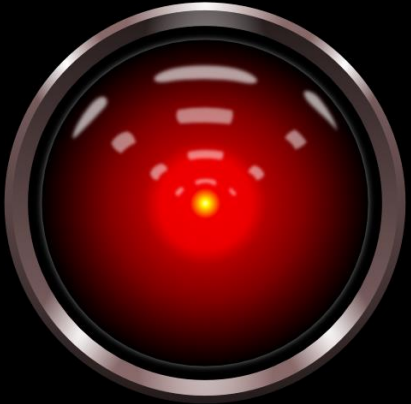
RELATÓRIO – PDF






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Documentação

Etapa 1

Banco de Dados

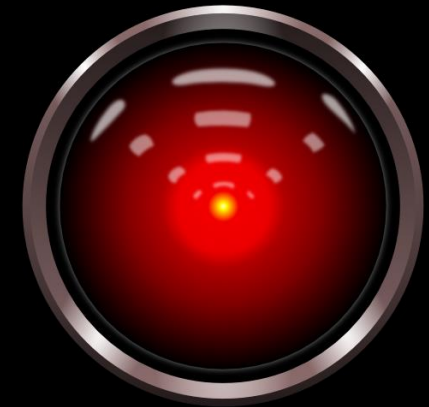


Etapa 2

Código Fonte

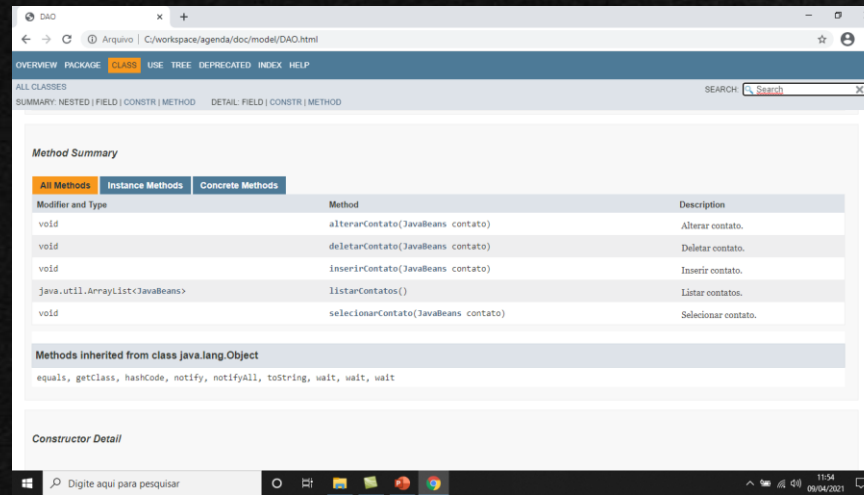


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Documentação

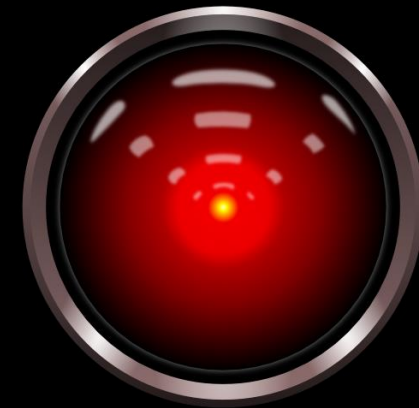
Etapa 3 Javadoc



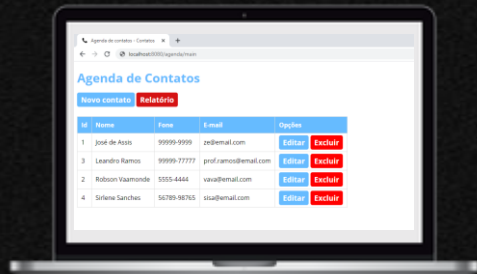
Etapa 4 GitHub



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Hospedagem de uma aplicação Java para WEB



Requisição http ou https

Resposta



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