

IIT Madras BSc Degree

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Deployment

Deploying an App

- Components of an App
- Service approaches
- Automation and Containers

Developing an App

- Idea



Developing an App

- Idea
- Local development
 - File system
 - Editors, Desktop, Documents, File management



Developing an App

- Idea
- Local development
 - File system
 - Editors, Desktop, Documents, File management
- Single computer



Developing an App

- Idea
- Local development
 - File system
 - Editors, Desktop, Documents, File management
- Single computer
- Multiple services
 - Web server
 - Database server



Permanent Deployment



Permanent Deployment

- Dedicated servers



Permanent Deployment

- Dedicated servers
- Always-on internet connection



Permanent Deployment

- Dedicated servers
- Always-on internet connection
- Uninterrupted power



Permanent Deployment

- Dedicated servers
- Always-on internet connection
- Uninterrupted power

Infrastructure!

- Data Centers

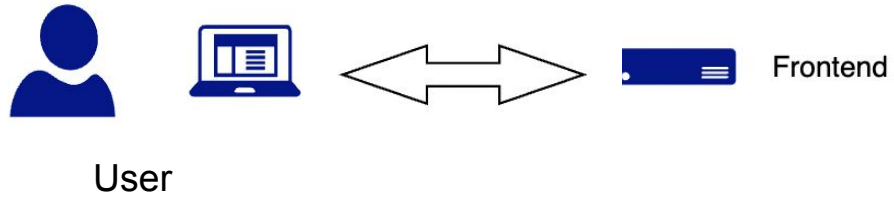
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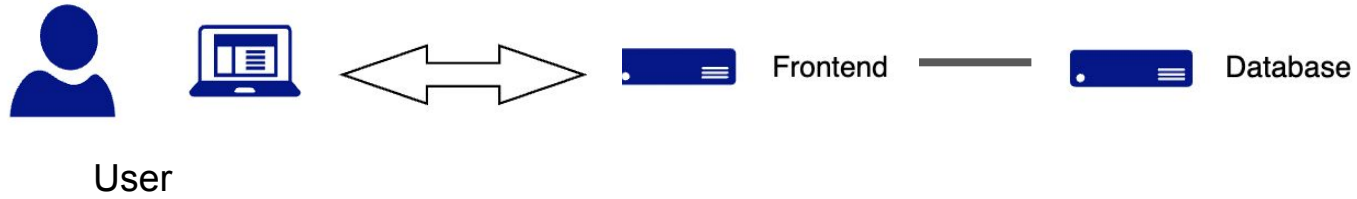
Scaling



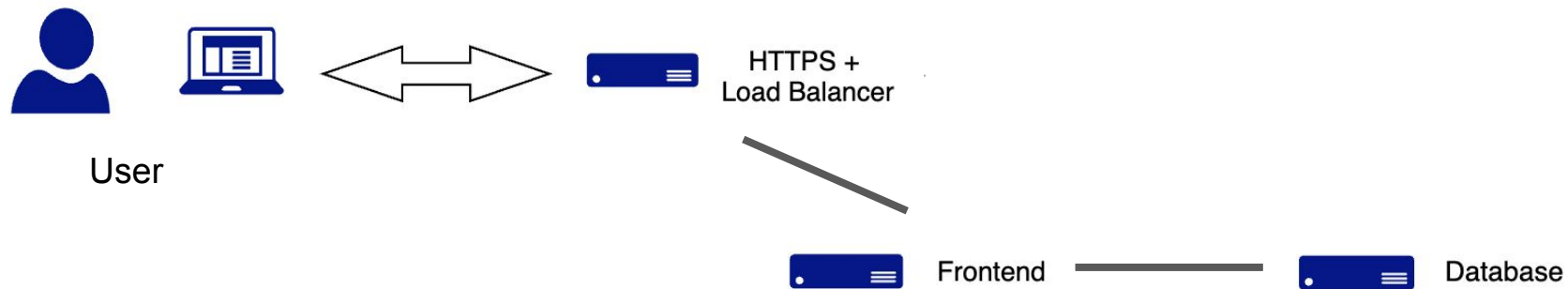
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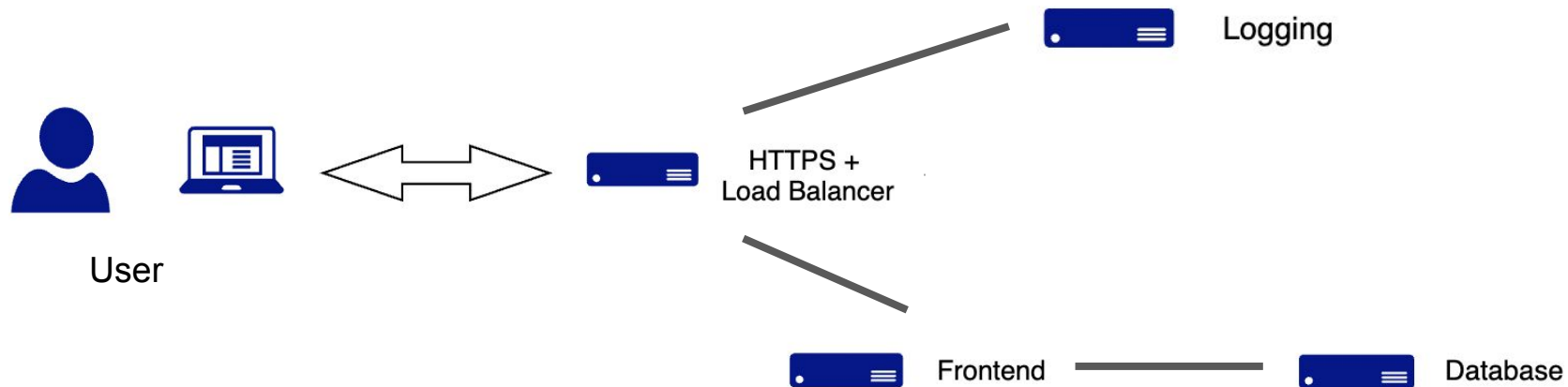
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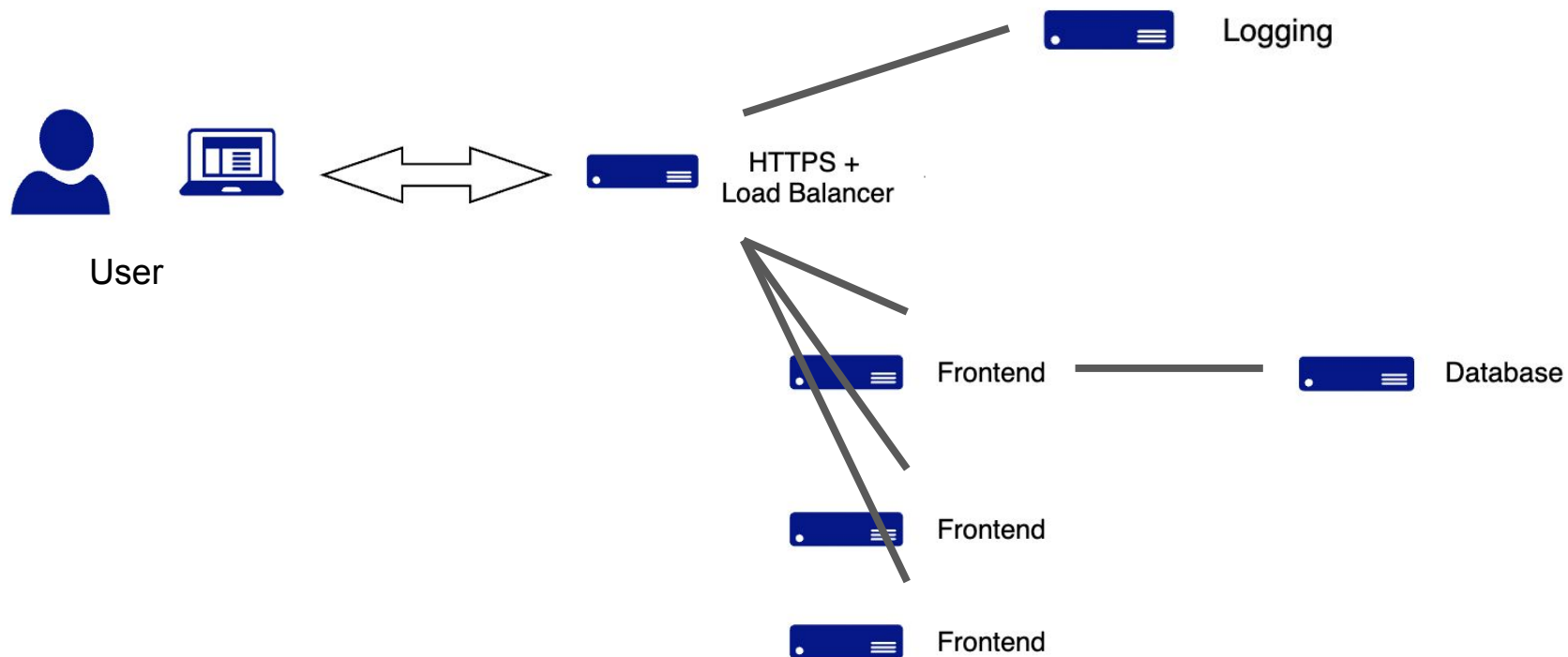
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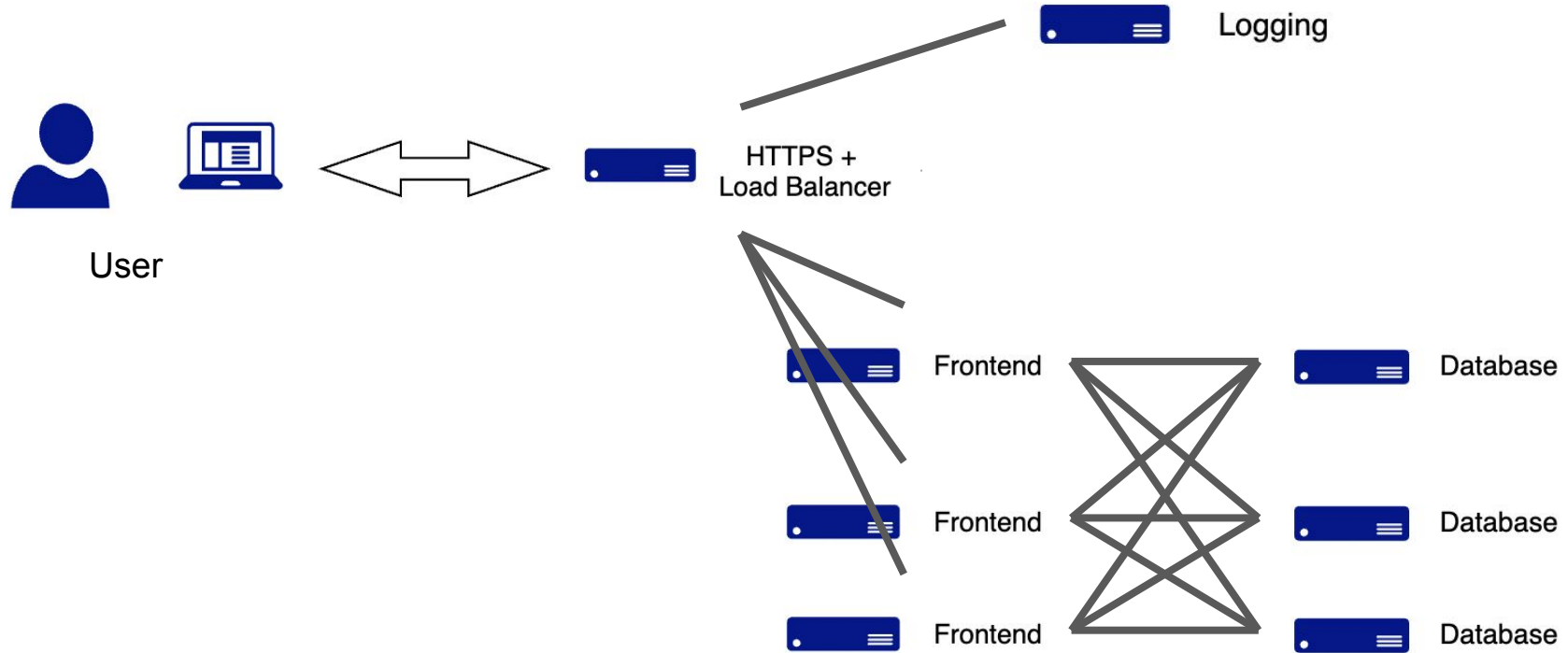
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