



Towards a scalable distributed system for storing files under heavy load

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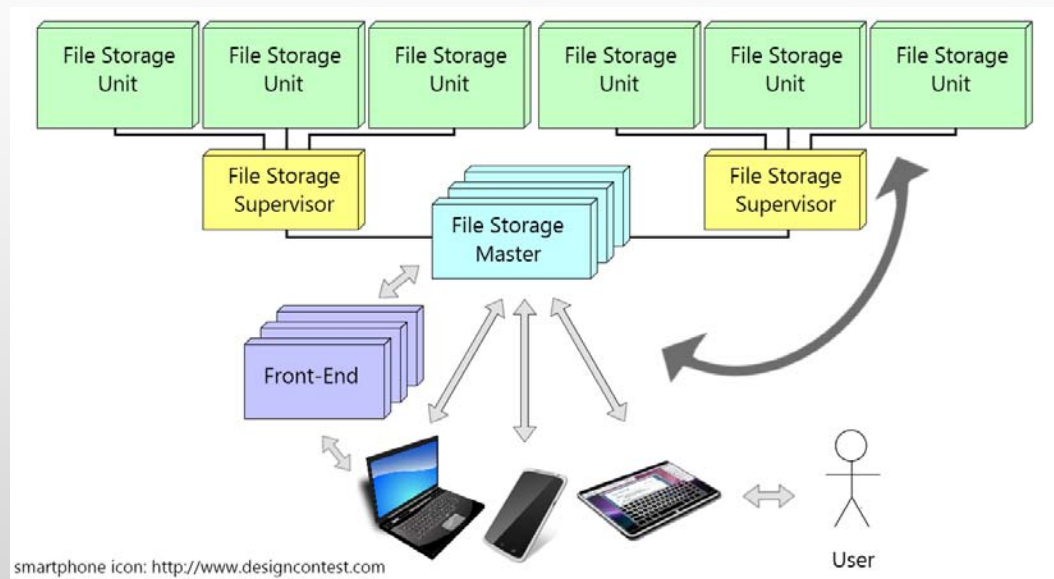


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- The demand for **storing** and **sharing** files online is growing
- More and more files are kept in **cloud storages**, people can access their files from almost any device connected to the **Internet**
- In our **research** we aim to **develop** a scalable, distributed system designed to **store** various kind of **files**:
 - private data like Dropbox
 - public files like Rapidshare
 - host images like ImageShack
 - host files used by web application (JS, CSS, graphics)
- The system is going to exploit a hierarchical structure and will be able to handle a large amount of requests and forward them to appropriate machine, thus balancing the load.

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The architecture of the system is presented below.
Multiple machines with the same responsibility will help reducing the load and will provide protection against possible failure.



We invite you to see our research poster which describes our **motivation**, **objectives** and **proposed solution**.