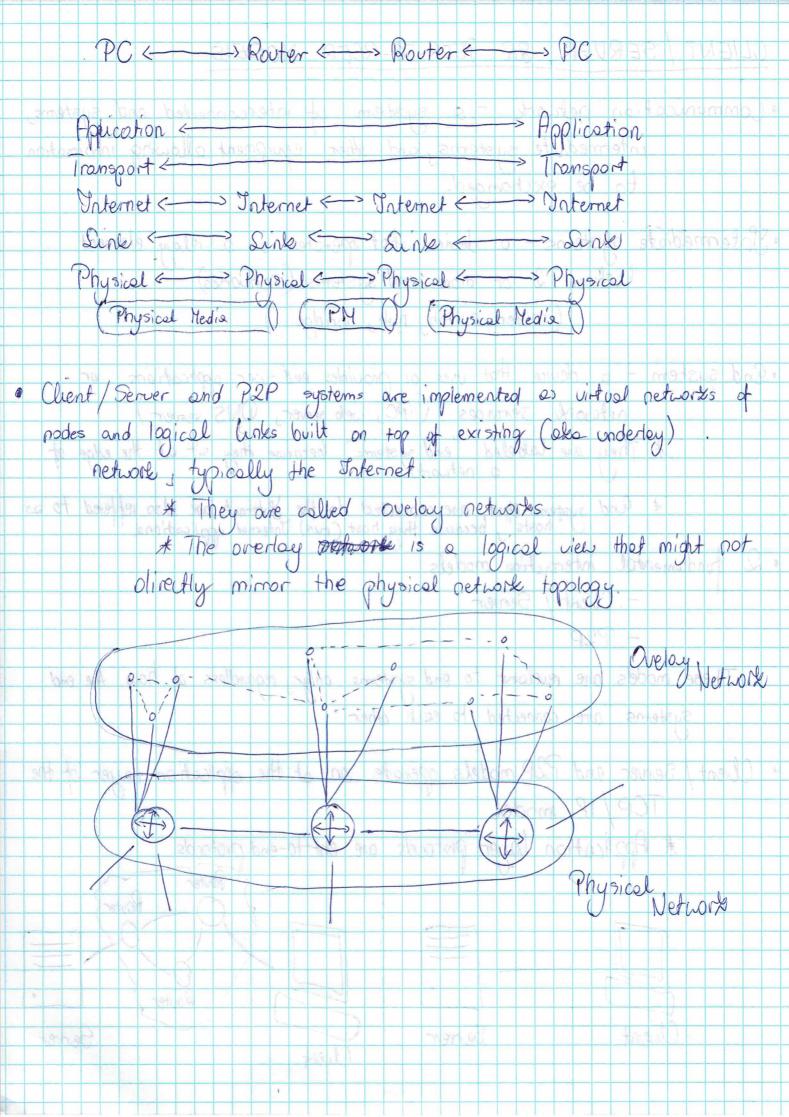
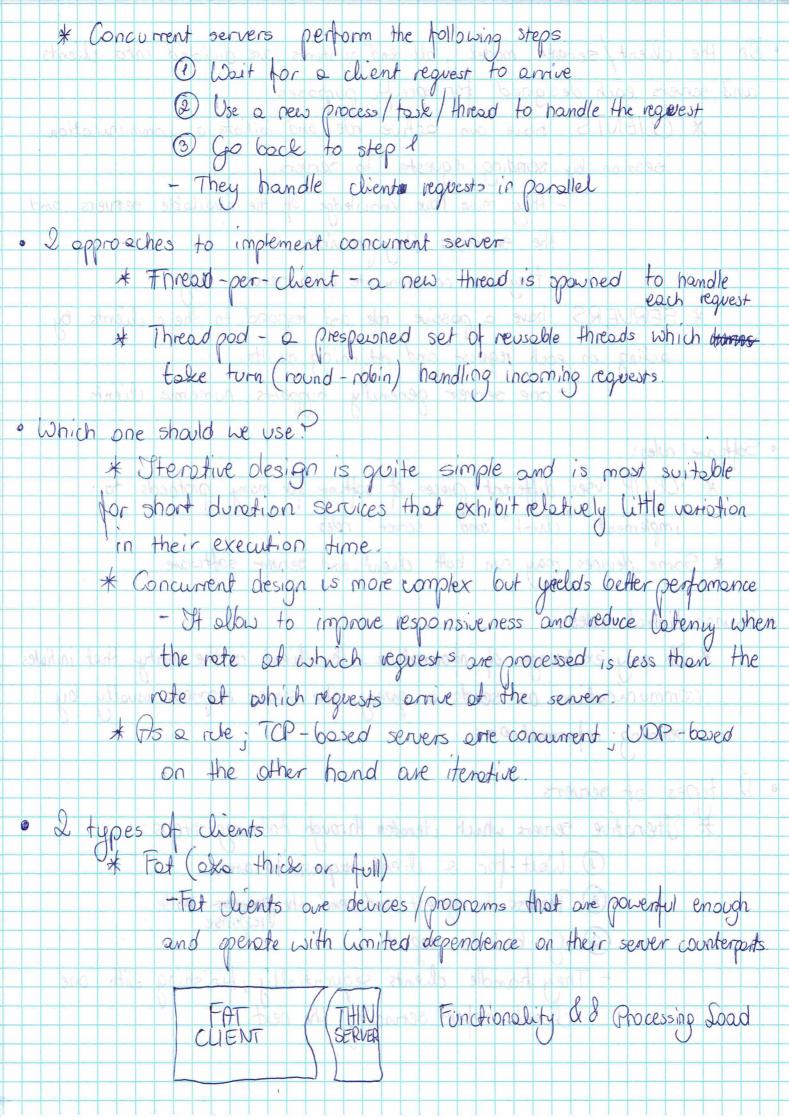
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the client/server model, all end systems are divided into elients and servers each designed for specific purposes. * CLIENTS have on active role and initiate a communication session by sending requests to servers. - they must have knowledge of the available servers the services they provide - they can communicate with servers only * SERVERS have a possive role and respond to their clients by acting on each request and returning results. - one server generally supports numerous clients · Somare rules: * TCP/IP uses different pieces of software for many protocols to implement "climt" and "server" roles. * Some devices may run both dient and server software. · Transactional roles: * In any exchange of information, the client is the entity that initiates communication or sends a guery; the server responds usually by sending information. & types or servers * Iterative servers which iterates through following steps: @ Wait for a client request to arrive 2) Process the request and send the process look (3) Go book to step 1 - They handle clients sequentially, tinishing with one chent before serving the next.



* Thin (oles slim or lean) - Thin clients are devices / programs that have very limited trunctionality and depend heavily on their sever counterports · Benefits / drewbacks of thin clients + no vinses, square, thefts - Geners one the central point of railure + easy to legg the sytuare - systems tend to be pringers proprietary + Cower TCO + fever points of failure - Multimedia - ich applications require a significant amount of boundwith to trunction to their maximum potential · In general application software can be divided into 3 logical Hiers * Presentation logic * Application Logic * Dotabase l'ógic · Each tier in the software is responsible for a specific task in the opplication o This logical layering of application software does not need to be the same Presentation logic p Application [Application logic Detabase logic

· Presentation logic is responsible for displaying the information and interfacing with the user. Application logic processes commands, makes logical decisions, Performs colculations, and coordinates the application Dotabase logic verers to the management of underlying drabases · Physical Tiers * I - tier anchitecture is used to describe systems in which all of the processing is alone on a single post. * 2 - tier architective (ake Het) is used to describe client/sever systems, where clients requests resources end servers respond directly to these requests, using there own resources Server Client Domb Terminal! This Client Fot Wient For Grent Thin Client Client? Presentation Presentation ! Presentation Presentation Presentation Application Aglication Application Presentation Detapose Application Presentation Application Application Detabase Application refolose Detabase Ostabose Dotobox Ustobox Mainfrome Thin server Thin server Senter Fat Server Fot Sewer Host-based Cooperative Server-based processing Chient-based
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