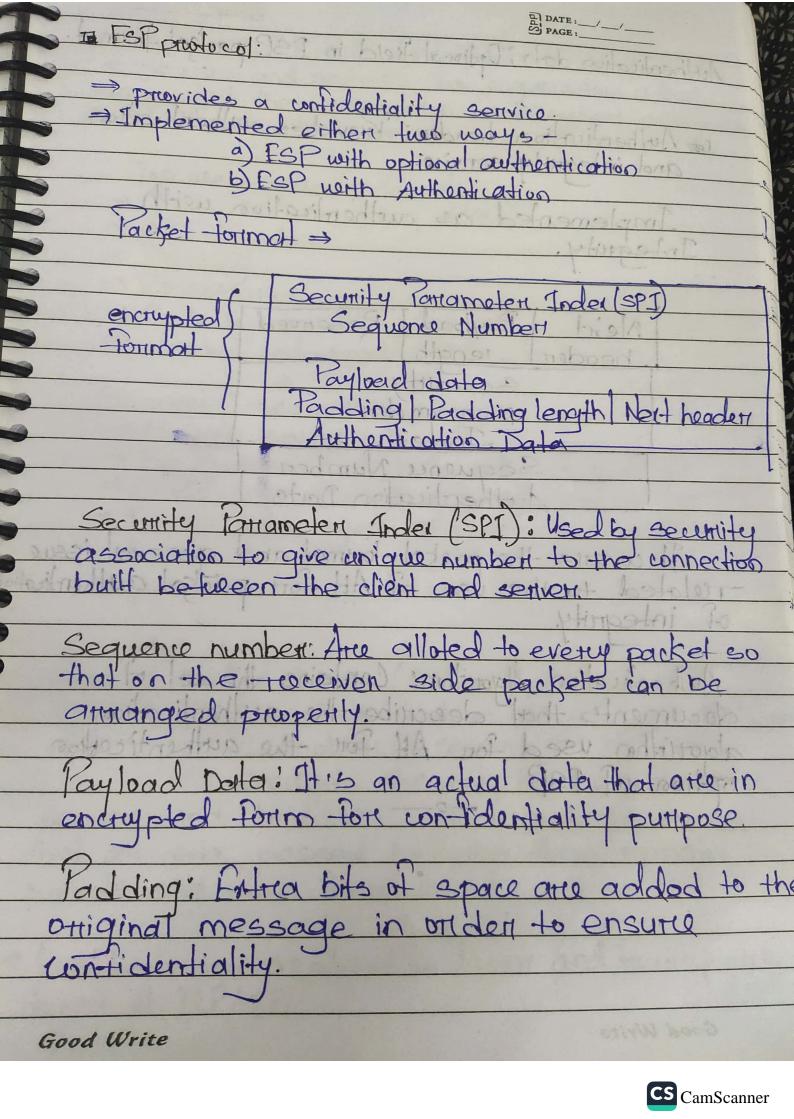
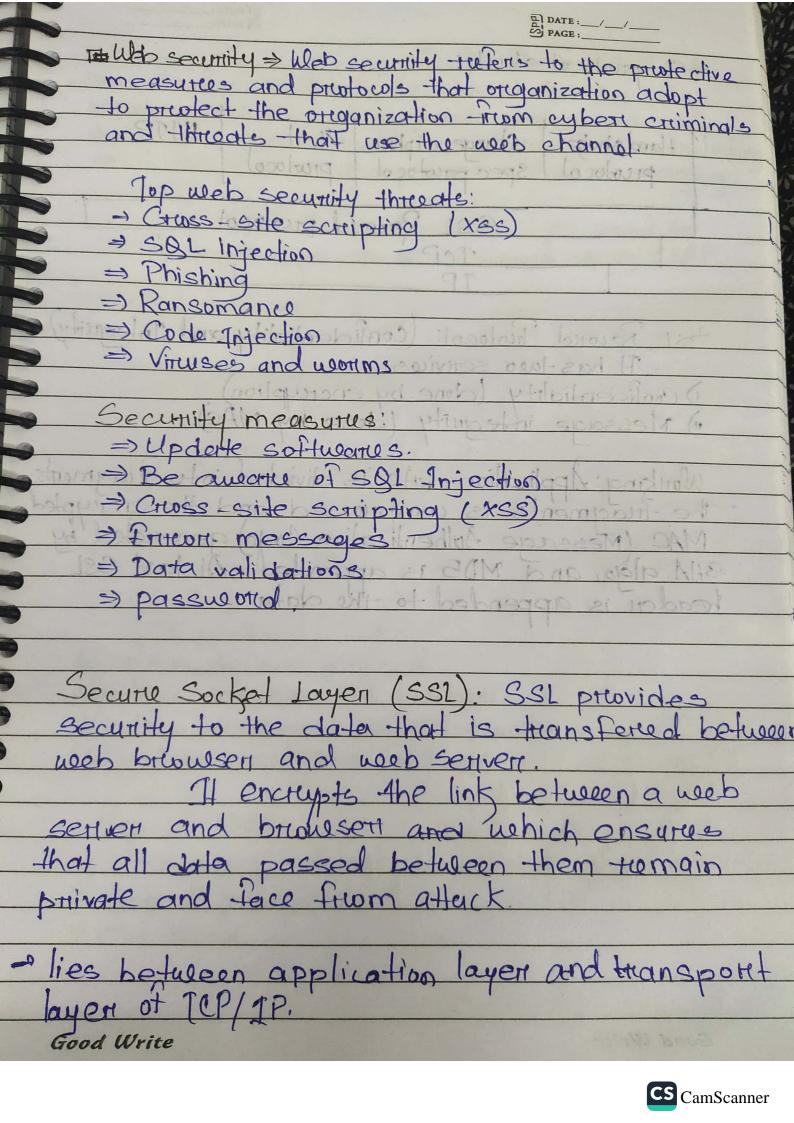
In TP Security: It is a Framework Ton protecting communication over IP. linns lowermon not phining whim D Amobilecture in milatoras la c => It uses two protocols to secure the traffic on data Thous. They are security Payload = ESP (Fincapsulation Security Payload = AM (Authentication Hash). Headen). ⇒ It includes protocols, algorithms. Domain of intempretation and key, management.

⇒ provides confidentiality, authentication and integrity. encryption Algorithm Authentication Algo Key management. Arichitecture covers the general concepts definations, protocols, algo and security requirements of IP security technology. il ash inal orbitation = configuras pen (i)



Authentication data: Optional Field in ESP packet format and integrity service. Implemented as authentication with Integraty. Next Payload Reserved report for parrameter Index Sequenu Number Authentication Data Trelated to the use of AH for packet authentical Authentication Algorithm: Contains the sel of documents that describe the authentication algorithm used for AH For the authenticetion of FSP. Location Wilhiland Prof mot before of helion one some to aid nother could be ortugas at tiskitu ni spoesson indipino



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TP

1 SSI Record Protocol: (Confidentiality and Integrity)
Thas two services 1) Confidentiality (done by encryption) 11) Message integrity (done by MAC). Working: Application deta is divided into Fragments. The fragments is compressed and the encrypted MAC (Message Arthentication Code) generated by SHA algo, and MDS is appended. At last SSL headen is appended to the data. entire Seekel Lauren (SEE). Sel estavidore entreprise and bridge and which one mains of all thin packed balance them tomain Sulvate and love from atlack a county him want act ellago appoint soi **CS** CamScanner

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| WAP committee Il is a so                              | ecification for a set of                     |
| Communication Durannols                               | to standardice the way                       |
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| transceiver can be used for interine access michaling |  |
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| CHARLES AND THE                                       | The Man Strainer with the second             |
| Witteless Markup                                      | language was used to                         |
|   | Language was used to be delivered using WAP. |
| WAP Arichitecture:                                    | Developing family policy W                   |
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| - LWAP  | DAP Gateway & WWW SETTVET                    |
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| 3 Content providers.                                  |  |
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A fineweall is a handweare on software to computers from unauthorized access it acts as a filter to avoid unauthorized usens from accessing private computers and networks. Principles: u bonavilats ad not took earning alnow Developing security policy: Without it, there is increase in Trisk as there will not be a presper implemental of security solutions. 11) Simple solution Design: If the design of solution is complex then it will be difficult to implement maintain and upgreades by analysing new possible threads, efficiency keeping in mind yet simple in struck. ui) Choosing tright device: If the outdated devices is used fore designing threwall it emposes the network to misk f is almost useless.

w) Layered defence A network defence must be muti-layered because it gives an edge to the security design and finally neutralize the v) Consider Internal threats: Bornetimes internal throats is neglected which makes the network weaker and vulnerable, litering them adds a here layer in security point of view. (pulsof providens

