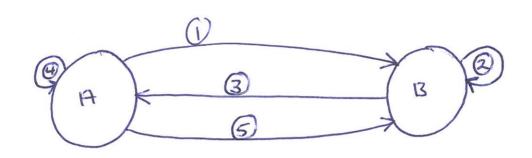
Sample protocol for EE6032/ED5012 Project.

Need:) Mutually Generated Session Key.

2) Data Confidentiality Data Integrity Digital Signature of Key Generating compoundents.

Assume Two Entities:



Notes:

1) A initiates the Session

steps.

challenge I DS

challenge I DS

Challenge I KB

A,B, {PassA, {H(PassA)}}

Ka-1 KB STEPS:

B : Kab = H (PassA || PassB)

3) B=A: B,A, EPassB, {PassA} Kab, {H(PassB, {PassA}) Kab}

A : Kab = H (PassA | lass B)

NoTe: H(M) can also be sent.

B ? A,B, {PassB} Kal

* Now all communications uses Session Key 18. 2M3 Kab