**ARCHITECTURE OF MILESTONE 1:**

INTERNET IS CONNECTED TO THE COMPUTER

THE USER TYPES IN THE URL ( DOMAIN NAME- THE HUMAN READABLE LABLE FOR THE WEBSITE ) IN THE SEARCH ENGINE

USER

COMPUTER

BROWSER

UI

SEARCH ENGINE

RENDERING ENGINE

NETWORKS , JS INTERPRETER,UI backend

SENDS HTTP REQUEST

DNS

THE DATA FROM THE PARTICULAR SERVER LOCATED IS A CODE WHICH IS RENDERED BY THE RENDERING ENGINE AND DISPLAYED AS CONTENTS

AUTHORITATIVE DNS ISP DNS SERVER LOCAL DNS CACHE

IF FILE NOT FOUND

DNS QUERY (WWW. GOOGLE.COM)

CHECKS IF CACHE HAS THE IP ADDRESS ALREADY OR IF EXPIRED

THE PARTICULAR SERVER IS LOCATED

IP ADDRESS IS LOCATED

THE CONTENT IS DIPLAYED

HTTP RESPONSE

DNS QUERY (WWW. GOOGLE.COM)

DNS QUERY – ( GOOGLE)

DNS QUERY – (.COM) TLD

IF FILE FOUND