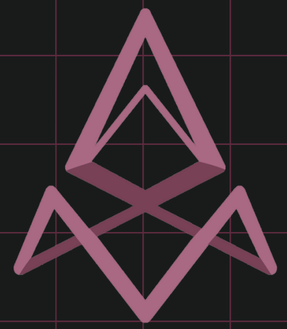


AMARANTH

REDEFINING STREAMS, PRESERVING DREAMS

HASSAN ISMAIL | REHAL SAEED | SAMRA MASHAAM

Amaranth

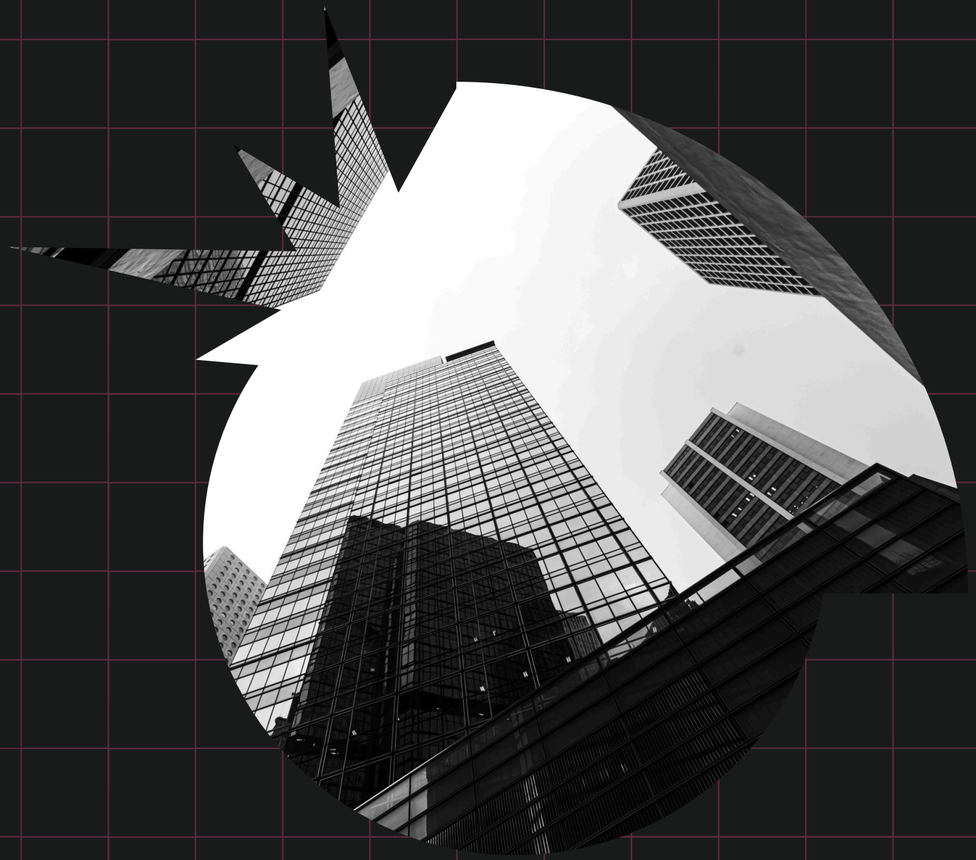
PROBLEM STATEMENT

“Children’s content” is poorly moderated

General content is over moderated to appease advertisers

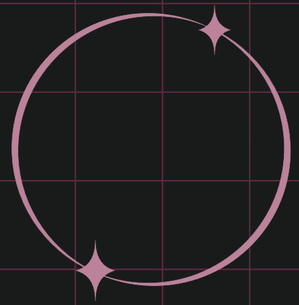
Viewers are spammed with midroll ads

Important discussions are censored



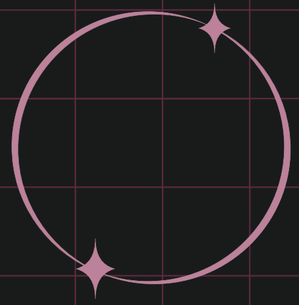
OUR SOLUTION

Redfine the income structure



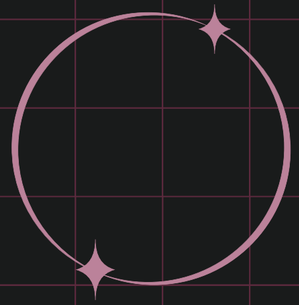
Remove midroll ads

General content is no longer over moderated



Proper moderation

Follow guidelines and protect viewers

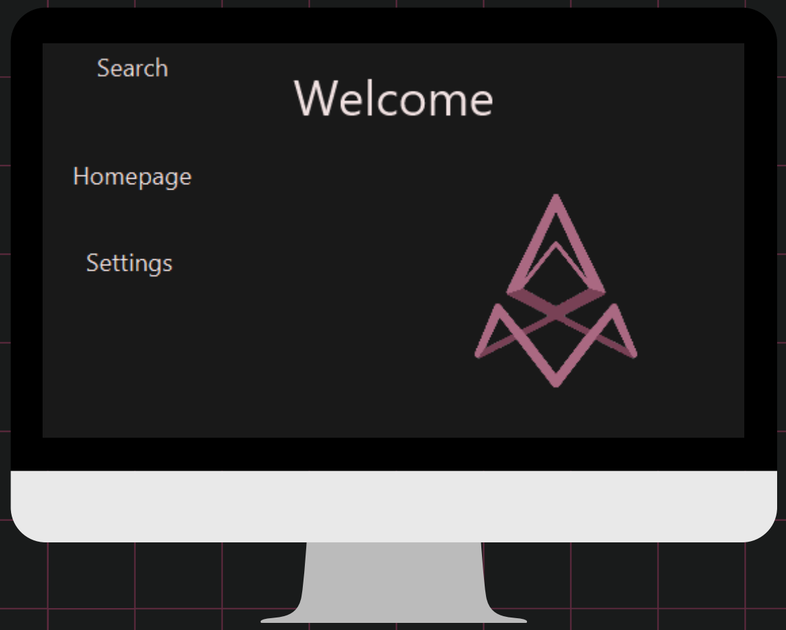


Earn through subscriptions and donations

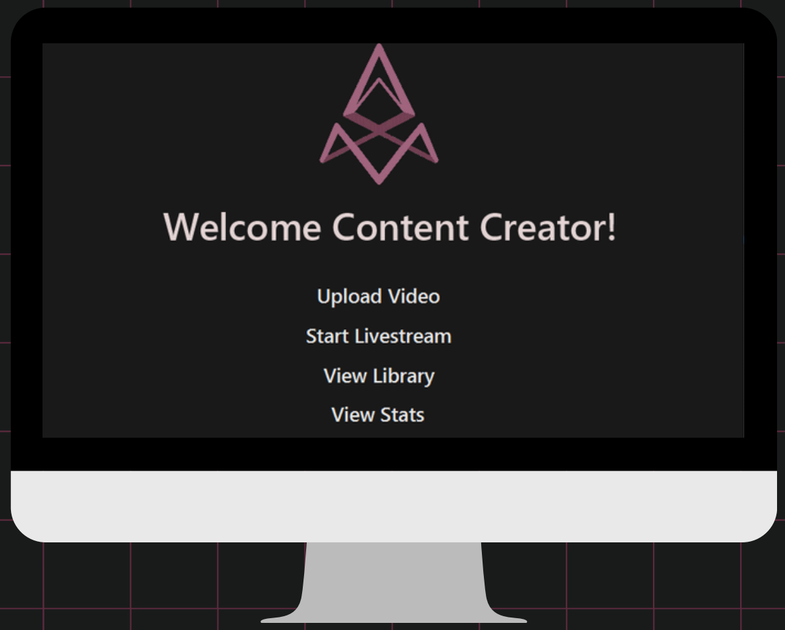
Establish a way to support content creators without being inundated by advertisements

INTERFACES

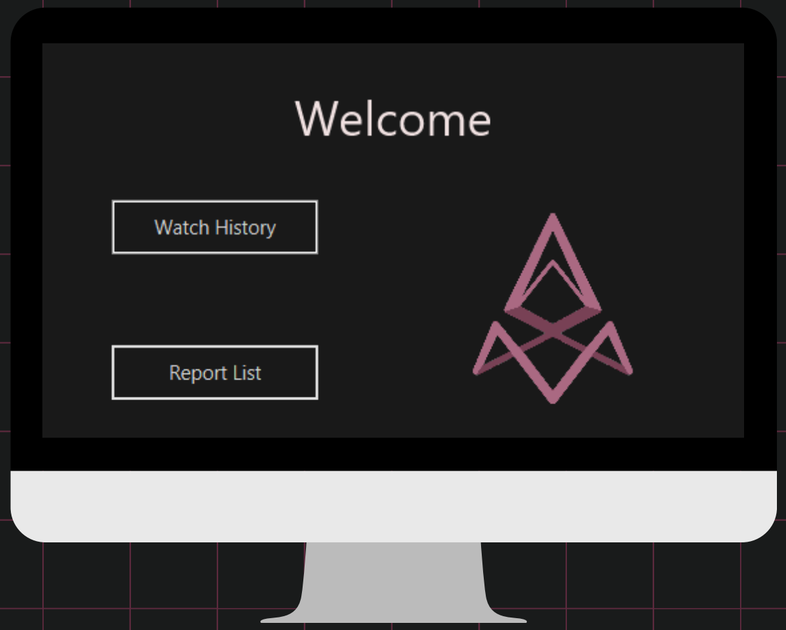
Viewer



Content Creator



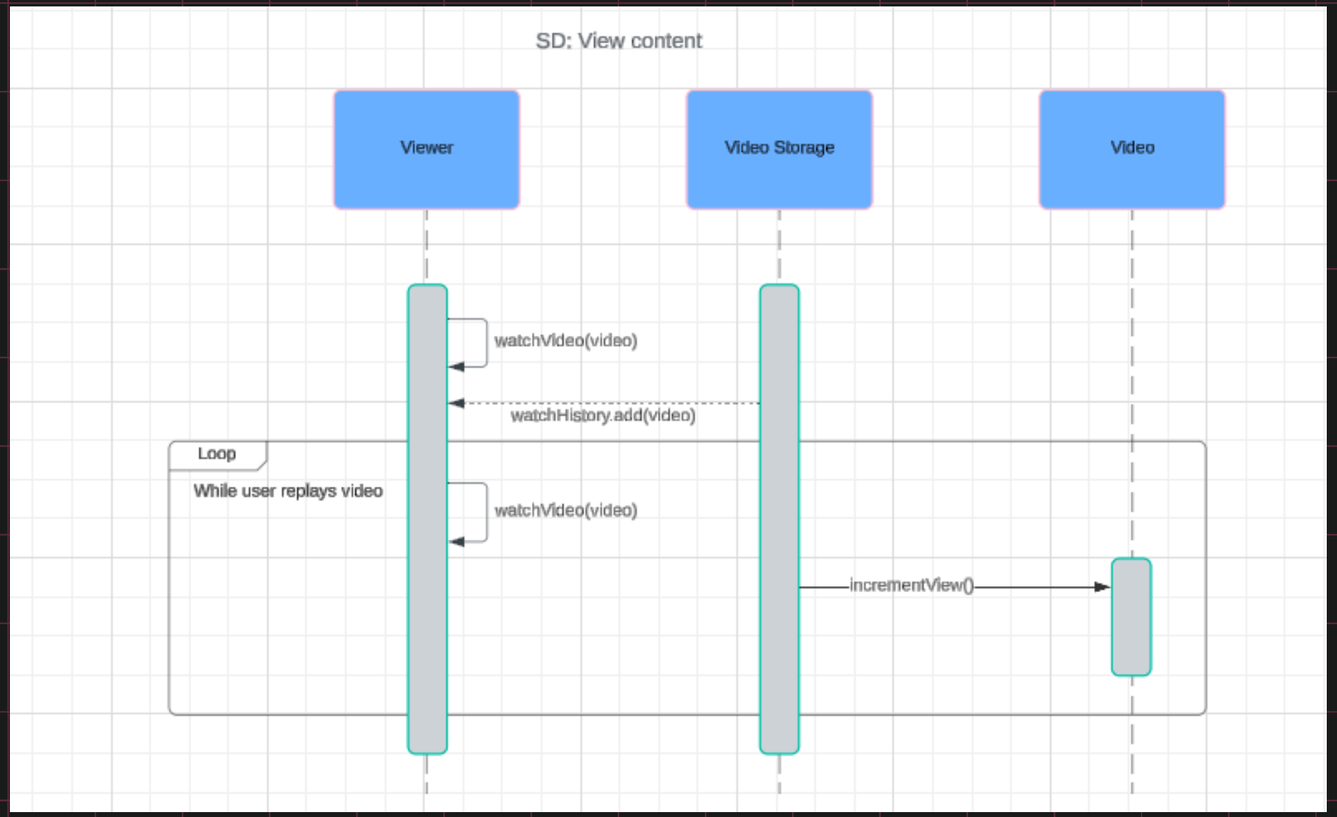
Moderator



Amaranth

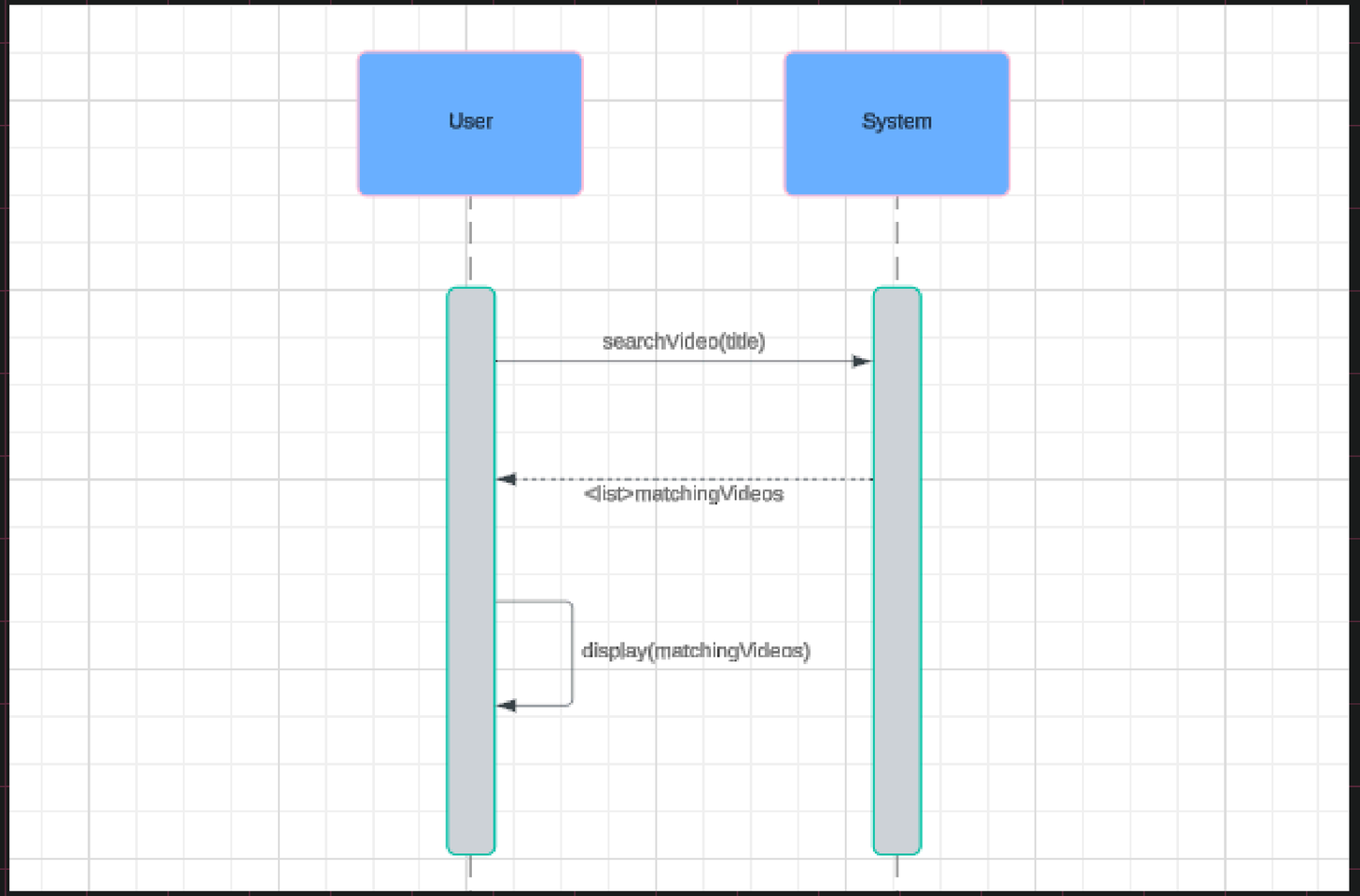
USE CASE: VIEW CONTENT

Allow viewers to view videos

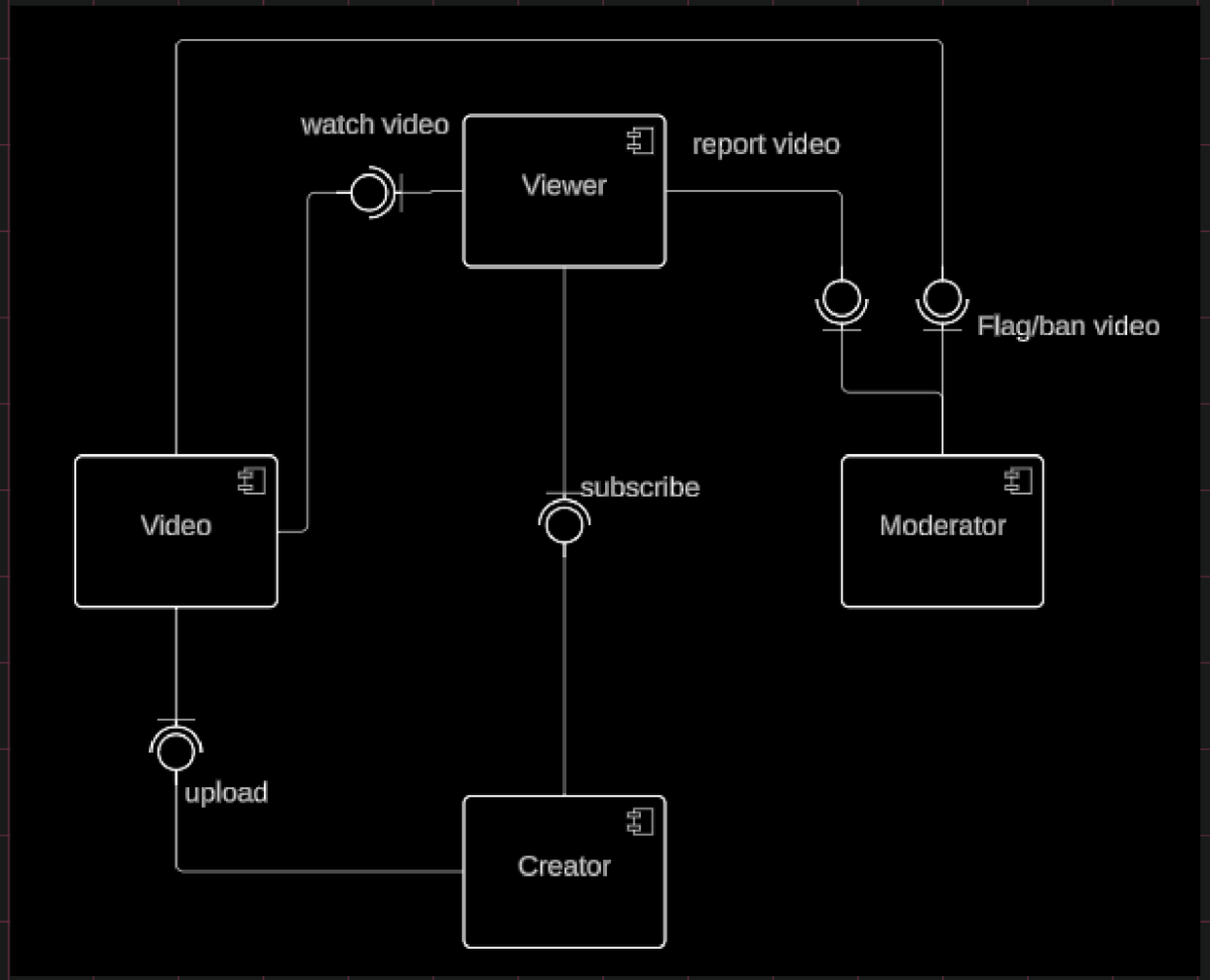


Amaranth

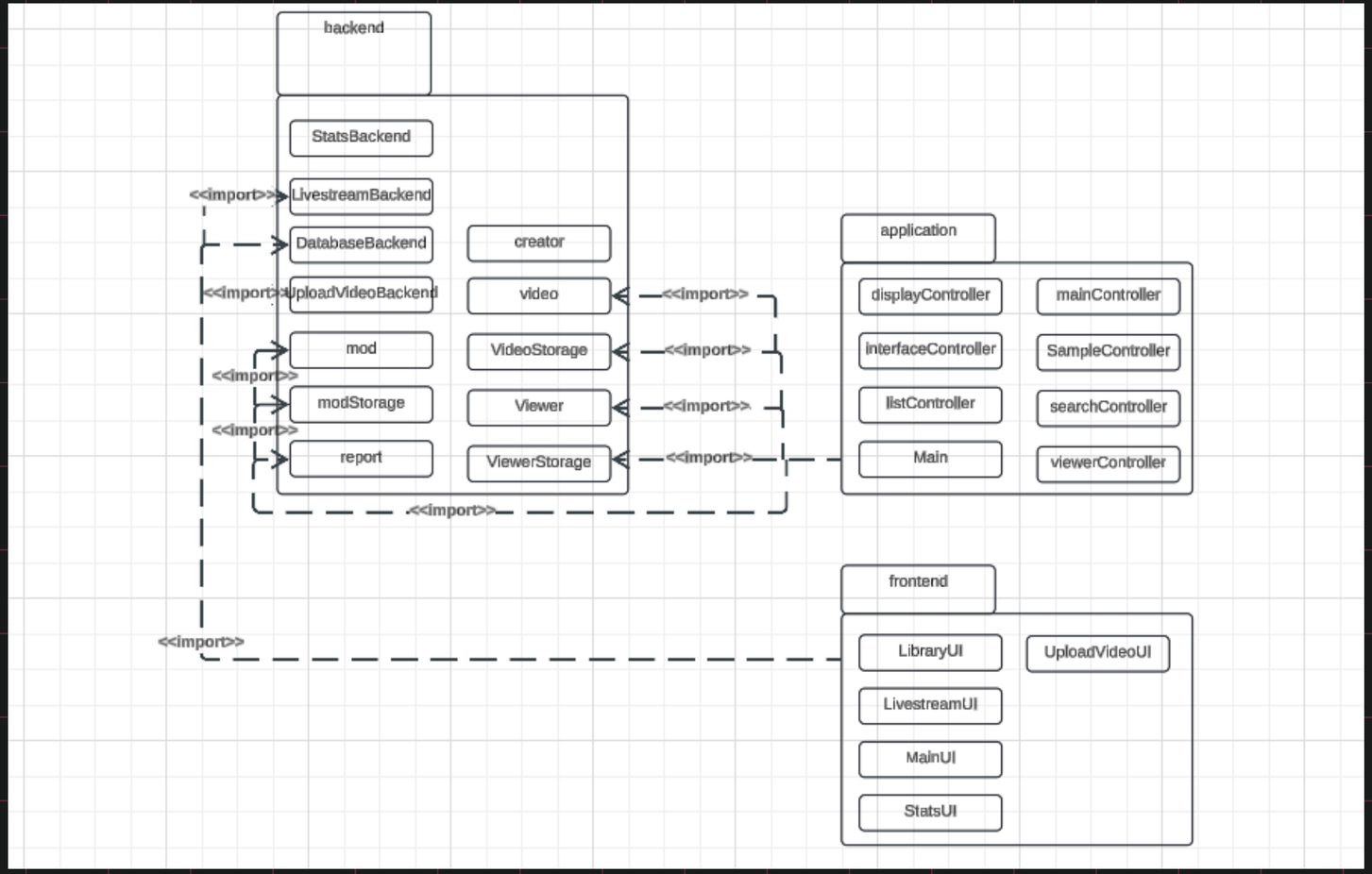
SSD: SEARCH CONTENT



COMPONENT DIAGRAM



PACKAGE DIAGRAM



DESIGN PATTERNS

- Singleton Classes:

  VideoStorage, modStorage and ViewerStorage only created once
- Strategy Classes:

  Lists initialized by different classes
- GRASP:

  Controllers, Informations Experts, Facades etc

Amaranth

THANK YOU