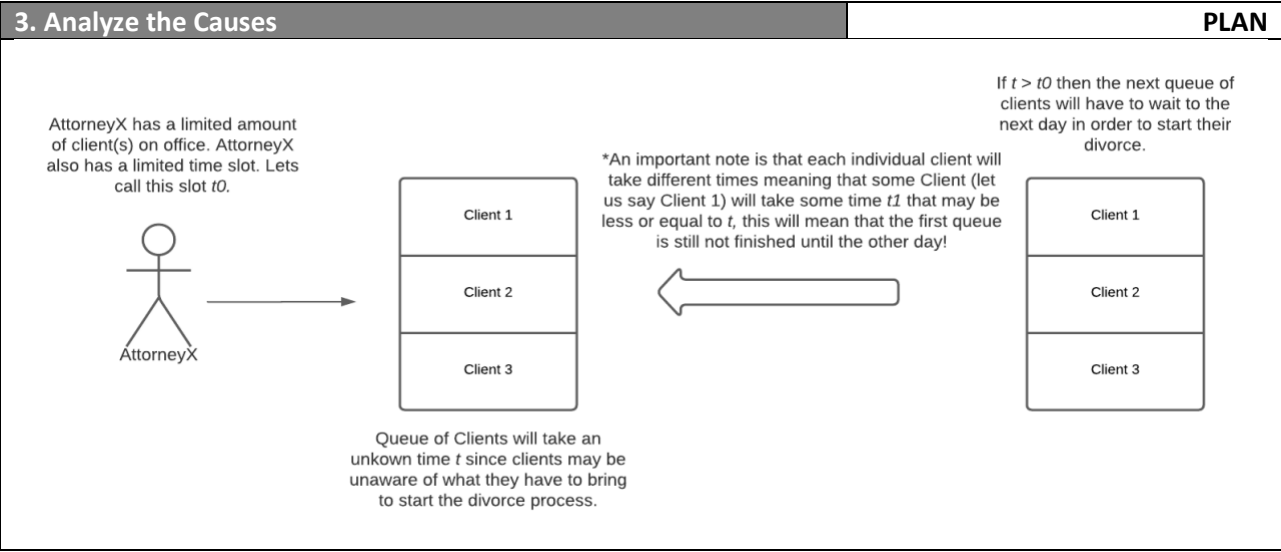## 1. Identify a Problem   PLAN

Due to the pandemic, professionals that work on offices have been affected because they take a smaller number of clients. This is seen on divorce lawyers; they have been affected because their work has slowed down. This can lead to slower divorces causing negative perceptions on the lawyers, unnecessary/unwanted rescheduling, more between the clients, etc.

A

Analysis of the Problem with the 4Ws

Who?	**This is for any divorce lawyer that wants to speed up the initial paperwork of a divorce.**
What?	**Identify what type of divorce is the client going through (one of 4) in order to start paperwork.**
When?	**Anytime a new client(s) is presented.**
Where?	A web app.

2. Set the Target   PLAN

Make a simple web app where divorce attorney(s) register and receive the necessary information of the client(s). Allow client(s) to identify what "attributes" will correspond to their divorce and see who their divorce attorney will be.

3. Analyze the Causes   PLAN

AttorneyX has a limited amount of client(s) on office. AttorneyX also has a limited time slot. Lets call this slot $t0$.

*An important note is that each individual client will take different times meaning that some Client (let us say Client 1) will take some time $t1$ that may be less or equal to t, this will mean that the first queue is still not finished until the other day!

If $t > t0$ then the next queue of clients will have to wait to the next day in order to start their divorce.

Queue of Clients will take an unkown time t since clients may be unaware of what they have to bring to start the divorce process.

4. Propose & Implement Countermeasures   PLAN/DO

Proposal: Make a web app where divorce attorneys can register and attend their clients by transferring them the client's information.

Cause	Countermeasure	Who?
Not attending sufficient clients in a workday.	*Unlimited number of clients in a day by attending them via website.	User
Rescheduling meetings due to COVID-19 and safety measures.	Attend client whenever/wherever thanks to web app.	User

*The unlimited is in theory since servers will only allow a certain amount of traffic but it is big enough.

5. Check/Evaluate   CHECK

Questions to address:

- Will the attorney find it user-friendly?
- What should the client be able to do? (Ex. Should he register like the client, or should he not have an account)
- What access should we allow the lawyer(s)?

6. Act and/or Standardize   ACT

Standards:

- What technology should we use?
  - Suggestions of stacks:
    1. React + Express
    2. Haskell + Elm
    3. Django + (HTML CSS) or any JavaScript library
- What model should we develop for a better user experience?