

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.

Analysis of the Problem with the 4Ws

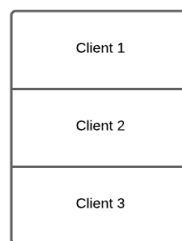
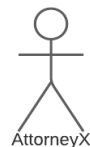
Who?	This is for any divorce lawyer that wants to speed up the initial paperwork of a divorce.
What?	Identify what type of divorce is the client going through (one of 4) in order to start paperwork.
When?	Anytime a new client(s) is presented.
Where?	A web app.

2. Set the Target**PLAN**

Make a simple web app where divorce attorney(s) registers and receives 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.

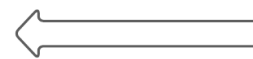
3. Analyze the Causes**PLAN**

AttorneyX has a limited amount of client(s) on office. AttorneyX also has a limited time slot. Lets call this slot t_0 .

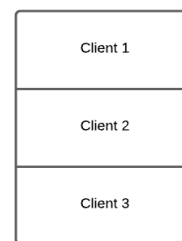


Queue of Clients will take an unknown time t since clients may be unaware of what they have to bring to start the divorce process.

*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 t_1 that may be less or equal to t , this will mean that the first queue is still not finished until the other day!



If $t > t_0$ then the next queue of clients will have to wait to the next day in order to start their divorce.

**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?	When?
Slow process in determining the type of case/process making the waiting time for clients greater and less clients per day.	The web app will speed up that process by determining the type of case with a series of questions and documents, making the process more straight forward when arriving at the office.	Attorney/Client	Before consultation
Rescheduling meetings due to COVID-19 and safety measures.	Attend the clients whenever/wherever thanks to web apps.	Client	Anytime

5. Check/Evaluate**CHECK****Questions to address:**

- Will the attorney find it user-friendly?
- Does the app speed up the process of the attorney's consultation? (by making the correct determination of the case)
- What should the client be able to do? (Ex. Should he register like the client, or should he not have an account)
- How is the application going to sustain itself?

6. Act and/or Standardize**ACT****Standards:**

- What technology should we use?
 - Suggestions of stacks:
 1. React + Express (JavaScript)
 2. Yesod (Haskell) + Elm
 3. Flask (Python) + any JavaScript f (e.g. React)
 4. Spring Boot (Java)
 5. Lift Framework (Scala)
 6. LAMP (Linux, Apache, MySQL, PHP)
- What model should we develop for a better user experience?
- Does the product have room to grow to other services?

