



Brainy

by Ananya, Jata, Kai, Michelle, Ziggy

The problem:

Mental health appointments in BC have unreasonably long wait times.

Source: CTV News, *Some Canadians waiting months for public and private mental health services. (December 22, 2022)*

Our solution:

Create an LLM driven chat bot that can assist in onboarding patients, gather basic screening information, and suggest appropriate next steps.

Our solution:

Before

Patient Health Questionnaire (PHQ-9)

Name: _____ Date: _____

Over the last 2 weeks, how often have you been bothered by any of the following problems?

	Not at all	Several days	More than half the days	Nearly every day
1. Little interest or pleasure in doing things	0	1	2	3
2. Feeling down, depressed, or hopeless	0	1	2	3
3. Trouble falling or staying asleep, or sleeping too much	0	1	2	3
4. Feeling tired or having little energy	0	1	2	3
5. Poor appetite or overeating	0	1	2	3
6. Feeling bad about yourself - or that you are a failure or have let yourself or your family down	0	1	2	3
7. Trouble concentrating on things, such as when watching television	0	1	2	3
8. Moving or speaking so slowly that other people notice? Or the opposite - being so fidgety or restless moving around a lot more than usual	0	1	2	3
9. Thoughts that you would be better off dead in some way	0	1	2	3

If you checked off any problems, how difficult or get along with other people?

Not difficult at all Some difficulty

GAD-7

Over the last 2 weeks, how often have you been bothered by the following problems?

	Not at all	Several days	More than half the days	Nearly every day
1. Feeling nervous, anxious or on edge	0	1	2	3
2. Not being able to stop or control worrying	0	1	2	3
3. Worrying too much about different things	0	1	2	3
4. Trouble relaxing	0	1	2	3
5. Being so restless that it is hard to sit still	0	1	2	3
6. Becoming easily annoyed or irritable	0	1	2	3
7. Feeling afraid as if something awful might happen	0	1	2	3

Total Score = ___ + ___ + ___ + ___

After

