For the purpose of this project, if tier 2 is just for more caching, it seems a little superfluous for now, in the small scale. Scaling up to large scale might involve a tier 2, but I would recommend you don't worry about it now, because it isn't too important.

Will you constantly be producing recommendations? How often will they update? What if people want to search for certain topics?

What if your curation system just turns into "echo chamber" type filters? Or is that part of the project not the focus?

My biggest question is: how is this edge/fog computing. It seems like most of your computation is in tier 3 and tiers 1 and 2 and the users do hardly anything. How can this be removed from the centralized part more? If everything happens in tier 3, what is the point?