Project 4: Purposeful Community

We live in shared contexts and communicate using various tools. However our information tools do not adequately customize to our specific information needs. Typical social media platforms support means for sharing unstructured posts that serve well for instant communication, however such content is not well suited for benefitting from the cumulation of such information over sustained periods. This is exactly what purposeful communities need.

Our living experiences produce useful knowledge for all of us. We mostly share our experiences with each other to utilize locations, devices, courses, events, etc.. This knowledge accumulates on social media as it can reach more people and the data become available in the written form.

You will develop a well organized application to make knowledge easy to share and use. Community creators will be able to define community-specific data. users who have the right to post in a community will be able to select the type of posts they want to contribute. For example, a hiking community may post a hiking event, which describes the location, the temperature, the required clothing type, duration, and cost of the trip using a community specific type defined by the community creator.

This project aims to provide a web and mobile application for community members to create and organize content and connect with each other in meaningful ways. It aims to create information paths that can be utilized for more effective and enjoyable collective action. This application will enable participants to create items of interest. Others who are interested in such items can subscribe, respond, or tag such content. For example, they may engage in discussions, contribute related material, organize events, or post questions about the posts.

Members should be able to create interest-specific communities and content. They will be able to set privacy options. Groups can be open to all, or restricted to invited members. Group moderators can monitor content to assure there is no abusive content or behavior. Ill behaving users can be warned and removed if needed.

Users will be able to search for and browse for information and members. Members will be able to create a profile where they can specify the privacy of information.

This application aims to provide a virtual space that increases and improves social interaction and awareness. Users will be able to follow other users (with their permission), they will be able to create and join interest groups. They will be able to provide semantic tags (using Wikidata) for community items, which will be very useful in searching and recommending.

The system will recommend content and persons of interest. It will retain the history, to preserve the collective wisdom of the community.

There will be an android based mobile and web interface for your project.

The application should provide notification regarding development with respect to plan and others in case of collaborative contexts. The system must use the W3C Activity Stream standard 2.0 standard to implement subscriptions and notifications. The semantic taggings should be supported with Wikidata.org.