Technology configuration inventory

Name:	Mfonisoabasi Idorenyin James
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Instructions

It is useful to inventory the current technology configuration of the community, i.e., the current technology that the people working, learning, advancing knowledge (etc.) in the specific area you are engineering software for are using, as a way to understand the community better and what matters to them better. If yours is a new community, it may not have any specific technology yet, but even for brand new communities, the current configuration may not be empty, for instance if general tools like email or phone are going to be used. You can use a version of the table on the next page to inventory and analyze the current configuration of your community:

1. Get the big picture. Research the area and make a list of all the platforms and stand-alone tools in your community's configuration as best you can
2. For each platform, list the tools and check the ones that are being used. Why are some not being used? Are there duplicates? Are there issues around integration between tools?
3. To the left, make a note of which community activities/orientations the tools currently support in your community
4. To the right, identify the key features of tools. Are some of these features commonly or rarely used? What are the reasons for that?
5. Assess actual tool use if you can. Identify which are dominant and which are only used by smaller groups and individuals.

NOTE: Add new rows as needed below. Please know your search should be as exhaustive as possible given the area you are researching

Platform	Youtube		
Supported activities	**Tools**	**Key features**	**Usage notes**
Discussion	Comments, home feed, subscription feed, post discussion boards	Commenting, liking and disliking,	Users can make post to allow for followers or subscribers to make comments and input to
Content & knowledge sharing	Upload button, playlists	Sharing content (photos or videos)	Users of the platform can produce their own content and share information to other subscribers or non-subscribers. Playlist can also be made based on a series of similar content
Live streaming	Go live button	Real time interaction with a channel owner	Users are allowed to live stream and have the ability to have realtime interactions and

Platform	Udemy		
Supported activities	**Tools**	**Key features**	**Usage notes**
Learning	Video courses	Learning at your own pace	Users can choose from a variety of courses to learn from
Discussion	Discussion forums	Post questions and comments	Users have the ability to ask questions based on a course they are taking and also help facilitate discussions and answer questions from other students in the course
Project submission	File upload button	Share or Publish projects and assignments	Users can submit assignment or projects based on set course to be seen by other students and the teacher for feedback

Platform	Lynda.com		
Supported activities	**Tools**	**Key features**	**Usage notes**
Learning	Video lectures	Learning at your own pace	Users can choose from a variety of lectures either skilled or fundamentals to learn at their own pace
Discussion	Lecture forums	Post questions and comments	Users have the ability to ask questions based on a course they are taking and also help facilitate discussions and answer questions from other students in the course
Project submission	File upload button	Share or Publish projects and assignments	Users can submit assignment or projects based on set course to be seen by other students and

Platform	skillshare		
Supported activities	**Tools**	**Key features**	**Usage notes**
Learning	Video lectures	Asynchronous learning	Users can choose from a variety of lectures either skilled or fundamentals to learn at their own pace
Discussion	Lecture forums	Post questions and comments	Users have the ability to ask questions based on a course they are taking and also help facilitate discussions and answer questions from other students in the course
Project submission	File upload button	Share or Publish projects and assignments	Users can submit assignment or projects based on set course to be seen by other students and the teacher for feedback

Platform	Khan Academy		
Supported activities	**Tools**	**Key features**	**Usage notes**
Learning	Video lectures	Learning at your own pace	Users can choose from a variety of fundamentals to learn at their own pace
Discussion	Lecture forums	Post questions and comments	Users have the ability to ask questions based on a course they are taking and also help facilitate discussions and answer questions from other students in the course
Test practice	Question and answer box	Immediate feedback on answered questions	Users have the ability to take practice quizzes and get graded on their performance as a way for students to visualize how they are assimilating

Stand-alone tool	Duolingo		
Supported activities	Tool	Key features	Usage notes
Language learning	Audio cues	Visual and audio cues	Users have the ability to match watch they are seeing on screen to what they hear

Stand-alone tool	Sololearn		
Supported activities	Tool	Key features	Usage notes
discussion	Community	Post discussions and questions	Users can interact with other programmers and other users on different questions they might have
coding	lessons	Interact with lesson content	Users have to ability to go through daily task shown on screen and accomplish those tasks