Carnegie Mellon University

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Product Workbook

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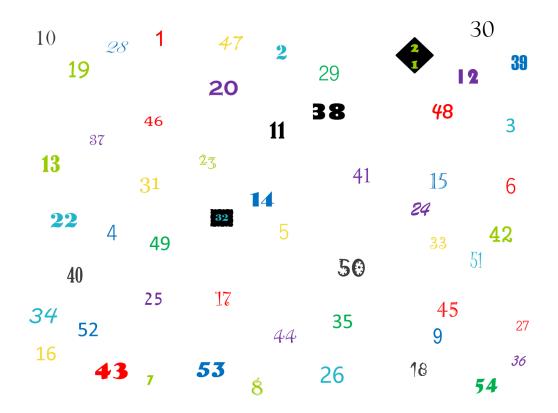
Product Narrative

Colloquy personalizes real-world conversations. Meaningful conversations create a community. We are chasing the mission to save our species — the social animal, while preserving the heterogeneity within our homogenous human race. In other words, we love bringing similar people together in the real world and realize the importance of accessibility for an often-overlooked segment of real-world interactions: personality. Introverts complain about not being able to approach people. Extroverts complain about getting bored of people too soon or not finding someone to talk to.

Now, that you understand a bit about what we do, allow us to onboard you into our world, through a conversation (or more like a monologue for now!) –

"Let's break the ice with a game."

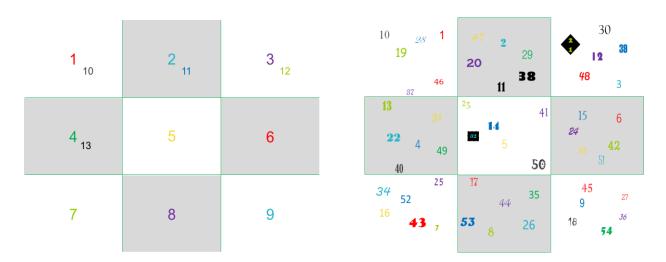
"Can you try reading as many numbers as you can sequentially from 1 to 54 in the below image in 1 minute?"



Answer on the next page.

"Most people struggle doing this exercise because they are unable to see through the differences that these numbers have in their shape, color, and orientation. Similar is the problem that we see in society."

"However, there often is an answer among the differences, hidden in plain sight."



Now that you have a framework/solution, <u>revisit the problem</u> and try again. You should be able to observe a considerable improvement in your speed and accuracy.

"Conclusion: The randomness starts to make sense and the differences seem to blur out when you spend time with the numbers understand their point-of-view in the broader landscape."

"Alright, I think you get it by now. We really care about finding the right match and blurring out the differences in social skills."

No one builds a wheelchair for the unseen pains of the socially anxious.

You are not alone and you are not at fault. 12% US adults have experienced social anxiety disorder at some point in life (<u>National Institute of Mental Health</u>). Exposure therapy is a known treatment (<u>National Library of Medicine</u>), and we couldn't see you sitting and suffering alone in a room.

[&]quot;Similarly, in society..."

Colloquy builds on the vision to make in-person conversations personalized, meaningful, and accessible for all personality types, and are uniquely positioned as a real-world social media mobile application delivering value to the user by minimizing the time spent on finding a relevant alikeness match and maximizing the reported psychological safety for each conversation. The opportunity gap of connecting real world communities is valued at about \$2 billion, which is 25% share of Bumble BFF's (closest direct competitor) valuation of \$8 billion.

The product will be rolled out for three use cases: Neighborhoods, Universities, and Corporates across English-speaking and non-English speaking geographies and aims to expand its portfolio of products vertically to iteratively release Colloguy for Neighborhoods in the MVP phase, and Colloquy for Universities – a B2B version for corporate professionals to network within the organization, and Colloquy for Universities – a B2B version for university students to discuss and collaborate within their campuses. Over the course of 5 years, Colloquy aims to roll out all the three products, and scale to non-English-speaking markets implementing a localized strategy focusing on foreign language aid and translation. During the entirety of the product's five-year roadmap, Colloguy will commit to developing several features focused on different personality types as identified by the famous Myers-Briggs Type Indicator (MBTI) which results in one of the possible 16 personality types. We will collaborate and involve psychologists, therapists, and academicians in the product development process. We will continue to foster a safe space for conversations. For instance, real-time language translation to support linguistic differences, icebreaker assistant for people who struggle to start a conversation, and partnerships with restaurants and cafes to provide uninterrupted conversation pods so that the easily distracted user can have a conversation in peace.

Colloquy aims to launch its MVP in the Pittsburgh neighborhoods in the US region to validate the initial offering. At the time of launch, our first focus would be to validate our user relevance matching algorithm, assessing the traction on the platform, and tracking product success metrics like Monthly Active User Engagement that calculate the ratio of number of recurring users on the platform. This metric will be a good indicator to assess how much is the customer enjoying our conversation. Furthermore, the MVP has features like auto-scheduling, and accurate location services to improve the users experience and interaction with the platform. For users not willing to talk at a given moment, they can simply toggle off. For such users, Colloquy also provides curated content to enrich their knowledge around their interest area.

To sum it up, Colloquy helps users have conversations by solving user's inability to find someone around them to talk to because no one steps forward to initiate the conversation, inability to sustain a good conversation because they run out of things to talk about, and societies are not inclusive for all personality types because they usually meet in large gatherings

or public settings where social anxiousness worsens the circumstance. Colloquy provides an alikeness matching algorithm that curates a list of similar-interest users so that preconversation unproductive time is minimized. We provide icebreakers, curated content, and chat prompts for follow-ups that help in continuing the conversations more naturally. Lastly, Colloquy promotes one-on-one conversations to unlock the doors for all personality types instantly.

"...And just like that, we were able to blur the idiosyncrasies of the world to solve for humanity".



1. Customer Problem Space

Fertile Land: Experience-sharing communities

Experience-sharing communities thrive on exchange of knowledge, stories, and skills to develop deeper human connections and bonds that sprout communities.

1. Customer Actors and Roles

Actor: Conversationalist

Role: User

Who is a conversationalist?

As defined in the dictionary, a conversationalist is a person who is good at or fond of engaging in conversation.

ARCHETYPE	A person who enjoys actively learning from conversations and stories
BACKGROUND	Frame your user a bit with some more information. Identify their habits or profession.
MOTIVATIONS	Motivated to have a conversation to learn about their field of interest
CONCERNS	Not sure who or where to find someone from their field of interest who would be willing to have a conversation
FEELINGS	Helpless
GOALS	Learn through others' experiences, stories and knowledge
SCENARIO	Conversationalist wants to explore a new field of interest and talk to someone who has an experience or story to share

2. Job To Be Done

JTBD: To have a conversation

In the current state, a user has to go through a frustrating and laborious process of identifying someone they want to talk to, scheduling the conversation, followed by meeting and follow-ups.

Below is a journey map of how conversations currently take place -



3. Use Cases





Corporates

Employees are encouraged to network and collaborate within the organization to boost productivity



Neighborhoods

Urban societies by design require neighborhoods to support, develop, and grow as a community

4. Outcomes

#	Desired Outcome	Actual Outcome	Associated Qualitative Outcome (if any)	Assumptions/ Remarks	
1.	10 minutes to find someone with similar interest	2 days to find someone with similar interest		Finding an ideal match currently involves scouring forums and reaching out to them virtually	
2.	Avg. 0 miles beyond user decided radius to find a match	Avg. 100 miles beyond user decided radius to find a match	"Ideal" Match	People go on the internet to find someone with a shared interest	
3.	100% desired match	20% desired match		Desired match = Being able to talk to the person that the user wants to talk to	
4.	0 minutes deviation between intended conversation time and actual conversation time	15 minutes deviation between intended conversation time and actual conversation time	"Cook" Commention	Good conversations are a function of duration, recurrence, and content of the talk	
5.	100% recurring meetings between two users	20% recurring meetings between two users	"Good" Conversation	Post-conversation sentiment depends	
6.	100% positive post- conversation user survey sentiment	40% positive post- conversation user survey sentiment		on the quality of match	
7.	100% reported psychological safety	40% reported psychological safety		 People find it hard to voice their opinions fearing dismissal 	
8.	Increase in conversations by users who self- identify as reserved personality by 100%	Increase in conversations by users who self-identify as reserved personality by 20%	Personality Type "Friendly"	 37% of meals consumed alone not by choice (Forbes) Reserved Personality Type = people who see value in conversations but are unable to have a conversation due to their anxiety and health reservations 	
9.	100% recurrent user visits	60% recurrent user visits	User Engagement and	Recurrent users will help identify loyalty towards the platform	
10.	4 new conversations via the platform per user per week	1 new conversation via the platform per user per week	Loyalty	New conversations will be a good KPI for platform engagement	

5. Problem and Causes

This section analyses each problem or **gap** between the desired and actual outcome. Each problem is further explored to identify potential causes.

Problem 1: People are unable to find individuals with shared interests around them

- Applicable outcomes:
- 10 minutes to find someone with similar interest
- 100% desired match i.e. the user is able to talk to the person that they want to
- Avg. 0 miles beyond user decided radius to find a match
- Applicable use-cases:
- University
- Corporates
- Neighborhoods
- Causes (using Why Technique):
- Why are people unable to find like-minded individuals to talk to?
 - → Because no one knows who is like-minded
- Why does no one know who is like-minded?
 - → Because strangers are not talking about their interest areas
- Why do strangers not talk about their interest areas?
 - → Because they think that they don't know the interests of the user either
- Why does the stranger also not know about the interest areas of the user?
 - → Because everyone willing to talk thinks that the other person is unwilling to talk pluralistic ignorance (https://www.thecut.com/2014/07/why-new-yorkers-should-small-talk-more.html)
- Why do people think that others are unwilling to talk?
 - → Because no one is initiating or scheduling a conversation



If you want to be a good conversationalist, you need to have an interest in people, and broad knowledge of the sorts of things that people talk about when they're as yet strangers. It needn't be deep, it just needs to get you started, and then you let them take over, talk your ear off, and throw in an occasional intelligent question to indicate that you are interested, and to keep the conversation going.

Problem 2: People are unable to have good conversation experience and build long-term relationships

- Applicable outcomes:
- 0 minutes deviation between intended conversation time and actual conversation time
- 100% recurring meetings between two users
- 100% positive post-conversation user survey sentiment
- 4 new conversations via the platform per user per week
- Applicable use-cases:
- University
- Corporates
- Neighborhoods

- Causes (using Why Technique):
- Why are people not able to have a good conversation?
 - → Because they are unable to get past the small talk
- Why are people not doing more than small talk?
 - → Because people don't know how to sustain conversations
- Why are people unable to sustain conversations?
 - → Because they run out of things to talk about

Problem 3: Communities are not inclusive for all personality types

- Applicable outcomes:
- 100% reported psychological safety
- Increase in conversations by users who self-identify as reserved personality by 100%
- Applicable use-cases:
- University
- Corporates
- Neighborhoods
- Causes (using Why Technique):
- Why are they not friendly for all personality types?
 - → Because usually such meetups happen in big groups and not everyone is able to voice their opinion
- Why are some people unable to voice their opinion?
 - → Because not everyone has equal confidence levels to talk freely
- Why is everyone not equally confident?
 - → Because different personality traits like introvert, nervousness, social anxiety, or new in a field may make one feel underconfident while speaking publicly
- Why are they not speaking more often to practice the art of conversations?
 - → Because they fear embarrassing themselves by not starting the conversation appropriately or with the right questions



i've noticed that i find myself to nervous to speak to anyone.

6. Problem Magnitude

#	Problem Statement	Magnitude	
1.	People are unable to find individuals with shared interests around them	 ✓ Frequency: Humans love to talk: ~16000 words/day (Scientific American) ✓ Market Size: Experience-sharing communities have a large market. Example - Meetup has ~50M active users (Link) ✓ Amount: Approximately 3 days in finding the right person to talk to 	

2.	People are unable to have good conversation experience and build longterm relationships	 ✓ Neighbourhoods: 26% millennials do not know their neighbour's first name (<u>OnePoll Study</u>) Corporates and Universities: Social Tech can increase conversations in can boost productivity through fostering conversations by 25%
3.	Communities are not inclusive for all personality types	 ✓ Amount: As of 2019, 76% of millennials and 40% of baby boomers get anxious interacting virtually (Link) ✓ Market Size: 15M American adults have social anxiety disorder (Mental Health America) ✓ Market Size: 12% US adults have experienced social anxiety disorder at some point in life (National Institute of Mental Health) ✓ Seriousness: Social anxiety if not dealt with can develop into depression and substance abuse (Mental Health America) ✓ Probability: Several studies and psychologists across the country expect the disorder to become more prevalent in the coming months, leading to greater rates of depression ✓ Exposure Therapy i.e. exposing the target patient to the anxiety source or its context is a medically proven treatment for social anxiety (National Library of Medicine)

7. Problem Communication

#	Problem Statement	Problem Category
1.	People are unable to find individuals with shared interests around them	Conversation Match Relevance
2.	People are unable to have good conversation experience and build long-term relationships	Conversation Quality
3.	Communities are not inclusive for all personality types	Community Inclusivity

2. Solution Space

The solution space is currently being envisioned to solve only Problem 1 as an initial product concept. Problem 2 and Problem 3 can provide features that can further improve the conversations and interest-based communities that the product helps build.

1. Product Description

Name	COLLOQUY Personalizing real-world conversations
Type of product	Experience-sharing community
Problem	People are unable to find individuals with shared interests around them
Who	Users
Main Function(s)	Connect users with shared interest in defined perimeters via a mobile application
Product Attributes	 ✓ User profile creation ✓ User interest curation ✓ Alike users mapping ✓ Location services ✓ Chat services for scheduling the conversation
Technology	 Relational DBMS Machine Learning algorithms can be used to enhance conversation match compatibility
Visual	See below



You share your interests.



We connect the conversation.



All through our app.

Product Concept Statement

Colloquy is an interest-based community platform accessible to the users via a mobile application. Colloquy works in three use-cases: Universities, Corporates, and Neighbourhoods, and works actively to collate user interests, connect individuals with a shared interest based on their location and availability to talk, and build communities – one conversation at a time.

2. User View(s)

User on Colloquy



- User Conversation Rating Post conversation, a user can receive rating from the other user based on the quality of the conversation. Similar to the LinkedIn's skill-based endorsement feature, but based on real conversations which would improve the authenticity of this metric
- 2 Interest Area Users can add one or more interest areas that they would want to create communities around.
- Available to Talk If this is toggled on for Andy, Andy will appear in the conversation matching radars for other users interested in the field of machine learning or sketching or backpacking
- Location and Bio Users can enter location, work history, professional or personal summary.

 This is a free space for the users to write about themselves

Note: Colloquy is built for three use cases: *Corporates, Universities, Neighbourhoods*. In addition to the details mentioned above, a user's profile will capture use-case specific information like – *University*: course/department, desired career outcome, etc.; *Corporates*: Users can get tagged based on their affiliation to an office. This will enable more collaboration within the office spaces. *Neighbourhoods* can include addresses.

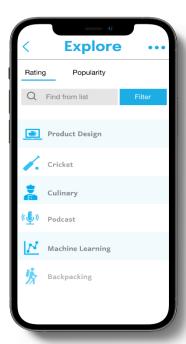
General User Journey on Colloquy



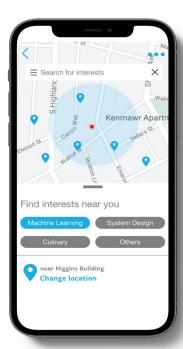
Home



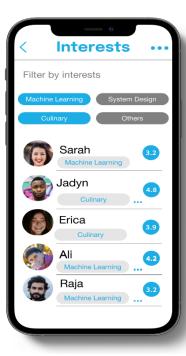
Build Profile



Explore an area of interest



Locate an interest match around you



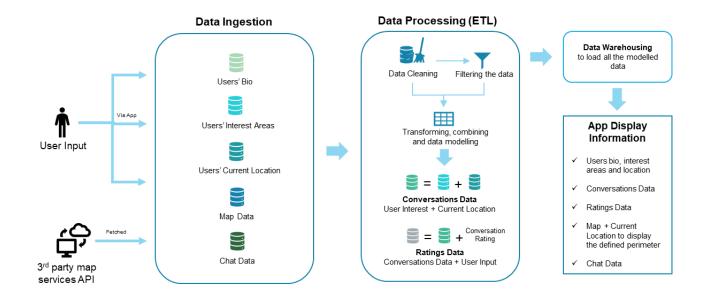
Explore users with similar interest



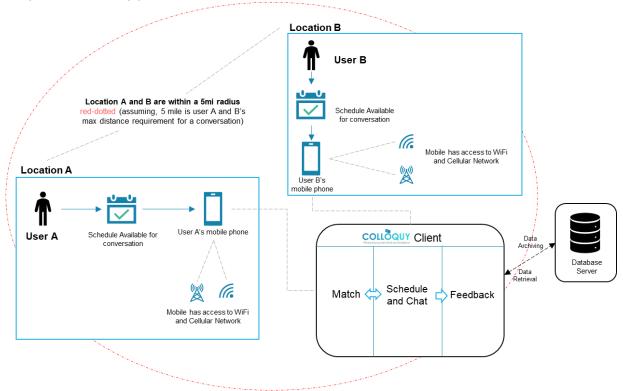
Chat and schedule a conversation

Post-conversation: Both users will be requested to rate the conversation based on how the person found the conversation in the given interest area.

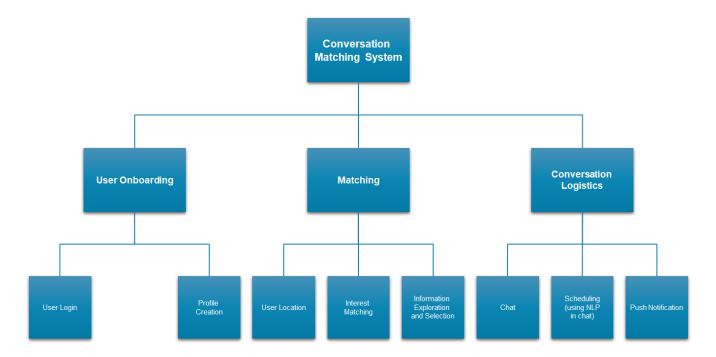
3. Information View(s)



4. Operation View(s)



5. System View(s)



6. Minimum Viable Product (MVP)

Following are the set of product attributes that will deliver enough value to validate the initial offering to the customers –

- ✓ User profile creation
- ✓ Location services
- ✓ User interest curation
- ✓ Alike users mapping
- ✓ Chat services for scheduling the conversation

7. Vision

Customer Vision

Conversationalists: Future Journey (of having a conversation) Find an individual with shared interests to tak in a single toggle shared or learn about Greetings: Conversation start to converse or learn about Stary focused and manage ambient activities - order food(rink coffee) regards on the conversation to thank for the meeting conversation to thank for the meeting conversation to thank for the meeting conversations Production of the p

Customer is able to find someone with a shared interest to have a conversation with in a single toggle and schedule the talk simply via chatting.

Product Vision

Making in-person conversations personalized, meaningful, and accessible for all personality types.

8. Product Strategy

The strategy will be an amalgamation of the Vertical Product Strategy and Localized Product Strategy over the course of 5 years. Post the MVP phase, Colloquy aims to expand vertically, creating a customized product for university partnerships to facilitate student collaboration and grow its user base across the US market. Over the next 3 years, Colloquy targets to launch a specialized product for corporate partnerships for facilitating networking, and expand globally, penetrating non-English speaking markets with a localized version of the product offering regional language support to make conversations more accessible.

9. Product Roadmap

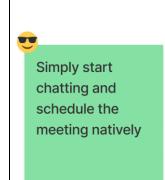
	NOW	NEXT	LATER	
Markets / Market Segments	US Market – Pittsburgh region	US Market – other regions and other English-speaking markets	Global Markets (English- speaking and Non-English speaking)	
Customer Problems to Solve	Unable to find individuals with shared interests around them	 Unable to find individuals with shared interests around them Unable to have good conversation experience and build long-term relationships Communities are not inclusive for all personality types 	 Unable to find individuals with shared interests around them Unable to have good conversation experience and build long-term relationships Communities are not inclusive for all personality types 	
Use Cases	Neighbourhoods	Neighbourhoods, Universities	Neighbourhoods, Universities, Corporates	
Product no. 1	Colloquy	Colloquy	Colloquy	
Features	 ✓ User profile creation ✓ Location services ✓ User interest curation ✓ Alike users mapping 	 ✓ Special support for different social anxiety disorders ✓ Conversation Icebreaker Assistant 	 ✓ Voice note-taking ✓ Regional-language support ✓ Live conversation translation 	

	✓ Chat services for scheduling the conversation	 ✓ Follow-up and Reconnect Users ✓ Partner with coffee shops and other spaces to provide uninterrupted conversation pods 	✓ Add support for specially- abled: mute, deaf, and blind
Product no. 2		Colloquy for Universities	Colloquy for Universities
Features		 ✓ Integration support with common University student databases ✓ Aid academic tutoring ✓ Facilitate support group conversations to alleviate stress 	 ✓ Career fair networking assistant ✓ Aid cross-campus collaboration
Product no. 3			Colloquy for Corporates
Features			 ✓ Facilitate talent connects ✓ Find someone to eat lunch/dinner with at office ✓ Bookmark people in your organization you want to talk to ✓ Aid new hires learning by engaging them in conversation paths

10. Product Requirements

The requirements stated below are grouped by customer journey -

Journey Map	User Story	System Story
Find an individual with shared interests to talk in a single toggle	 As a user, I want to enter my profile data so that I can find people with my interest areas As a user, I want to give access to my location to find people around me As a user, I want to view people with my interest around me As a user, I want to give a rating after a conversation As a user, I want the ability to toggle off "Available to talk" button so that I can choose not to have a conversation at the moment 	 The product shall have a database in the backend to store user related data The product shall have the capability to access user location As a user, I need the product to have security layers for my data The product shall have capability to render people around the user as a map As a user, I need the product to have user feedback anonymized The product shall have the capability to search for interest areas The product shall have the capability to filter information based on interest areas



- As a user, I want to chat with a potential match so that we can schedule a talk
- As a user, I want to access my calendar to view my availability
- The product shall have the capability to access user's authorized calendars
- The product shall have the capability to parse natural language instructions to understand time and venue of the meetings
- As a user, I need the product to allow cancellation of planned conversations
- ➤ As a user, I need the product to allow rescheduling of planned conversations

3. Market Space

1. Market Segmentation and Targeting

Market Segmer	Market Segment Description					
	•		•	from worldwide socia person = 20% of 4.62		billion (<u>Source</u>).
Segmentation Variable(s)	Use Case, Language (determined based on the country of operation's recognized official language)					
Segmentation Values	Neighbourhoods English-speaking countries	Neighbourhoods Non-English- speaking countries	Universities English-speaking countries	Universities Non-English- speaking countries	Corporates English-speaking countries	Corporates Non-English- speaking countries
Segment Name	English-speaking Neighbourhood's Conversationalists	Non-English speaking Neighbourhood's Conversationalists	English-speaking University Students	Non-English speaking University Students	English-speaking Corporate Professionals	Non-English-speaking Corporate Professionals
Segment Size	400M	100M	Much smaller than Segment A	Much smaller than the Segment B	About the same as Segment A	About the same as Segment B
How was the size estimated?	20% of 2 billion (Over 50 percent of over Facebook's 4.5B users speak a language other than English. (source))	10% of WeChat's 1.1B users (source)	Relative to Segment A = English speaking neighbourhood's conversationalists	Relative to Segment B = non-English- speaking neighbourhood's conversationalists	Relative to Segment A = English speaking neighbourhood's conversationalists	Relative to Segment B = non-English- speaking neighbourhood's conversationalistS
Segment Growth Rate	18% YoY (<u>source</u>)	5% YoY (<u>souce</u>)	Much smaller than Segment A growth rate	Much smaller than Segment B growth rate	About the same as Segment A growth rate	About the same as Segment B growth rate

Note 1: Each of the above segment has a composition of social and non-social personalities.

<u>Note 2:</u> Personality type has not been included as a segmentation variable because both social and non-social personality types occur in all social settings, and Colloquy aims at its core to develop features to aid conversations in societies and make it accessible to all personality types regardless of the market segment it operates in. Furthermore, it may be futile to have a segmentation based on personalities as almost any average person is known to have about 30-35% of social awkwardness/social anxiety in some form (<u>Source</u>).

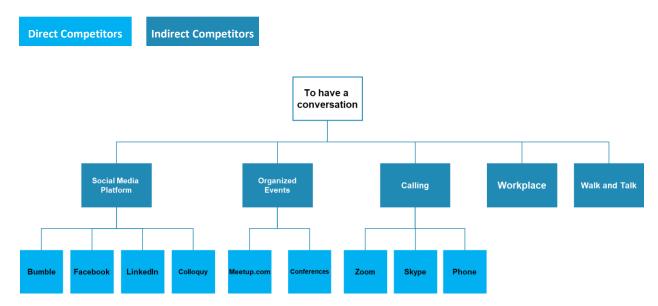
2. Competition

Product Category: Real-world Social Network

Size: \$2 billion

(Assuming 25% of Bumble's valuation (\$8bn) is Bumble BFF and Bumble Bizz (Source) which is a close competitor)

Job to be done: To have a conversation

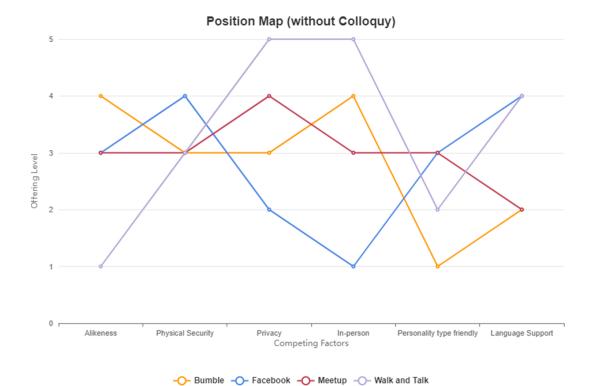


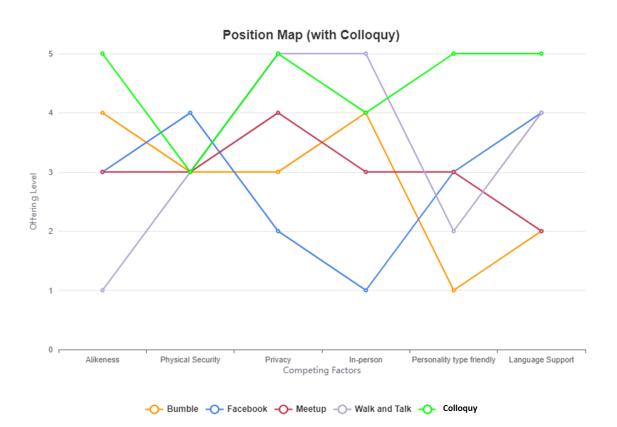
3. Positioning

Alikeness refers to the conversation's two stakeholders having shared interests.

Y-Axis in the below position maps reflect the offering's level across services on a scale of 1 to 5

X-Axis lists the competing direct/indirect services





Product Positioning Rationale (Identifying Gaps)

We can see from the position map (without Colloquy) that alikeness match is relatively low in the competing services, and in-person conversations are only happening either by simply walking over and talking to someone (in which case, alikeness is an issue), or using an existing service like Bumble which has nothing to offer for conversations across different languages. None of the services offer anything for making the services inclusive for all social personality types.

Product Position

For Experience-sharing Communities, Colloquy is the Real-World Social Network that is capable of bringing together alike people for in-person conversations while being inclusive for all personality types and overcoming any language barriers so that the users can talk to who they want 100% of the times and experience psychological safety because Colloquy brings a myriad of features for language support and appreciating differences in social personalities.

Tagline

Reinventing Facebook for the real-world with conversations that are more human and less pretense: No more faking to be an extrovert or polyglot!

Product Requirements

Product requirements for the MVP have been detailed out in this section.

4. Market Strategies

Market Coverage Strategy

Colloquy will use a combination of the following strategies –

- Differentiated Strategy Colloquy for Neighborhoods, Corporates, and Universities will have a differentiated coverage strategy to offer need-tailored products in the three spaces. For details on the features planned and roadmap, refer here.
- Concentrated Strategy Colloquy for Corporates and Colloquy for Universities, although
 will be generalized offerings, it will allow partner universities and enterprises to have
 customized tools to tailor the quality of conversations in their context. For instance,
 corporates may want to have brand themes incorporated, talent connect events
 facilitated via the platform, etc. Furthermore, concentrated strategy will govern the
 development of local languages support during expansion into non-English speaking
 markets.

Market Entry Strategy

Colloquy plans to enter the market with its MVP targeting neighborhoods within an English-speaking country. More specifically, Colloquy plans to launch and validate its MVP across 10 neighborhoods in Pittsburgh, Pennsylvania.

Market Growth Strategy

Colloquy plans to have a Product Development growth strategy after penetration into the market and validation of learnings from the MVP.

Our platform envisions to create new services within the existing eco-system of real-world social networks. We plan to start out by offering features that match people and schedule conversations in a neighborhood. Further, we plan to launch various features to support people with social anxiety and other personality disorders that inhibit the ability of having conversations. Lastly, as part of our growth trajectory and expansion into non-English speaking markets, Colloquy plans to create more features around regional language support and translation to aid conversations globally.

4. Customer Value Space

1. Customer Benefits and Costs

Features	Benefits
User profile creation	 ✓ Less cluttered profiles ✓ More emphasized focus on elements of conversations: what do you like to talk about, curiosities, sensitive topics, etc. ✓ More likelihood of reliable mutual ratings for each conversation ✓ Make better decisions about users you want to talk to
Location services	 ✓ Much lesser or no distance to travel between alike users ✓ Reduced time to travel
Alike users mapping	 ✓ Improved user matching experience by allowing people to choose what they want to talk about each conversation ✓ Less likelihood of unproductive time spent talking to people you are not interested in ✓ 90% faster turnaround to find a conversation of interest around you ✓ More likely to have no deviation between intended and actual conversation time
Chat services for scheduling the conversation	 ✓ Improved experience in scheduling calls through native inapp conversations ✓ Reduced time spent in small talks as both users' have the context ✓ Reduced customer frustration involved in jumping to calendars to find a slot

Costs

Note: Costs in green are the ones that have been highly reduced by the benefits that the user received. Costs in yellow are the ones that have little to no impact in the MVP of the product (refer to the NOW phase of Product Roadmap)

Cost Category	ltem	Туре	How is the cost estimated?	Amount (estimated/average)	Cost
Searching	Fill Profile	Time	Avg. Hourly Rate of \$30	10 minutes	\$5
	Find a Match	Time		10-20 minutes	Approx. \$8
Scheduling	Time spent to initiate chat and schedule conversation	Time		10 minutes	\$5
Meeting	Travel Duration	Time		20 minutes	\$10
	Transportation	Cost	Assuming a radius of 5 miles for a conversation: Avg. 20\$ for anywhere within 5 miles	\$20	\$20
	Supplementary cost incurred at the conversation space (e.g: food, entertainment, etc.)	Cost	Avg. outing \$15	\$15	\$15
	Total			55 minutes + \$35	\$63

2. Pricing

MVP

Pricing Strategy

Uniform price setting strategy

Pricing Metric

Per Conversation

Payment Structure

The MVP will be launched in Pittsburgh's neighborhoods and will be accessible for free.

Reason for Free

Like most other social media networks (read, Facebook, Bumble, etc.), Colloquy's success depends on the active participants on the platform. In order to onboard conversationalists in the beginning, the app will be offered for free so that there are enough users to spark conversations in neighborhoods. Furthermore, onboarding of users will kick in the direct network effects and will be helpful in facilitating more conversations via the platform

Alternate Revenue Streams in the Future

1. In-App Purchases

- a. Boost Pass 20\$ per month
 Allows user a special boost to send message on chat without a user match to up to 10 users in a month
- b. Travel Partners
 - Partner with cab service providers and charge a commission for each ride booked for a Colloquial Conversation
- c. Conversation Space Partnerships
 Partner with space providers like restaurants and charge a commission for each order/purchase made against a table with a scheduled Colloquial Conversation.

2. B2B partnerships for Colloquy for Universities and Colloquy for Corporates

- a. Colloquy intends to bill the organizations to offset the cost of customization, and offer quality conversation services for the people at these institutions for free.
 - i. The pricing for these institutions will be annually billed based on employee count in these organizations.
 - ii. Monetary Justification for B2B
 - 1. Social Tech can increase conversations in can boost productivity through fostering conversations by 25%
 - 2. Seriousness: Social anxiety if not dealt with can develop into depression and substance abuse (Mental Health America)

3. Customer Value Proposition

From the position map, we can infer that the next best alternative is either Bumble or Facebook, where only the former involves occasional in-person conversations but usually focused on dating, and the latter is fraught with data privacy concerns across platforms and is seen by the customers as "connecting with people online". These alternates are also accessible to the users for free, but have other in-app revenue streams.

Customer Value Proposition Strategy: More benefits for the same

Rationale and Benefits:

Colloquy offers several other benefits for improving the experience of in-person conversations over a traditional social network -

- No more cold messaging people to find interests Colloquy measures user alikeness based on the interest area for the conversation they wish to have
- No more virtual fatigue Colloquy helps users engage in the real-world by helping find people with your interest in your vicinity
- No need to switch out of LinkedIn or Facebook to schedule a talk On-the fly conversation scheduling
- Future updates of Colloquy also plan to have conversation starting prompts, language support, and different personality types compatibility natively built-in the platform.

Evaluating the Customer Value Proposition

Based on the benefits above, I think Colloquy's short-term vision (MVP only) is compelling as the benefits around having a conversation are superseded as compared to the current alternates. Furthermore, Colloquy offers a differentiated value by enabling customers to have conversations of their interest in the neighborhood.

The value proposition could be made more compelling by introducing some of the personality-type compatibility features during the MVP phase as that makes Colloquy differentiate even more when compared to most other social networks.

5. Business Value Space

1. Product Success Metrics

NorthStar metric is highlighted below.

Metric Name	Metric Definition	Calculation	Required Data			
Time To Value (TTV)	Average number of minutes taken to find potential matches + Average number of minutes taken to fill out the user profile	Average duration in minutes between when user is available to talk and when potential matches are produced Colloquy + Average duration in minutes to fill user profile	 "Available to Talk" toggle event timestamp System timestamp of when the results are produced Duration when user remained active on the profile filling page 			
Monthly Active User Engagement (MAUE)	Ratio of number of chats to number of active users where active = if a user has at least 4 chats	(Total number of chats in a month / Total number of active users in a month) *100	 Number of chats in a month Number of active users 			
Chat-to-Scheduled Conversion Rate (C2S)	Percentage of matches converting from chats to planned conversations	(Total number of planned conversations / Total number of chats) *100	 Number of planned conversations Number of chats 			
Future Release Metric						
Conversation Satisfaction Score (CSS) Weighted average of self- reported post-conversation feedback (on a scale of 1 to 5) psychological safety (50%), quality of conversation (30%), and relevance of match (20%)		[0.5*(psychological safety) + 0.3*(quality of conversation) + 0.2*(match relevance)] / (psychological safety + quality of conversation + relevance match)	 Psychological safety score Quality of conversation score Relevance match score 			

North-star metric - Monthly Active User Engagement

Rationale

Why not Chat-to-Scheduled Conversion Rate?

This metric needs to be gauged with cognizance of the many possible false positives and one needs to be cognizant while driving decisions based on this metric. One such false positive is

that not all planned conversations may result in an actual conversation. Therefore, following this metric as the NorthStar may steer the business away from value.

Why not Time-To-Value?

This metric can respond to whether Colloquy's relevance matching algorithm is fast enough and ensure that the customer doesn't have to wait for too long to have a conversation. However, this metric does not inform the business about whether a customer is truly getting value from the platform.

Why Monthly Active User Engagement?

Month is, in my opinion, an appropriate time for a new user to onboard, learn the platform, and allow them sufficient time to find an opportunity to toggle "Available to Talk". Active is, in my opinion, when a user has more than 4 chats. While the number four is an estimated placeholder for now (since 4 weeks in a month so one conversation per week), this number can be researched or A/B tested to identify what works the best. The idea is that, one or two chats by a user cannot basket that user as an active user. It takes more interactions to prove that the customer is enjoying the conversations and. The ratio obtained from this metric indicates whether a user keeps wanting to have more chats. The higher the ratio, the better the business is performing.

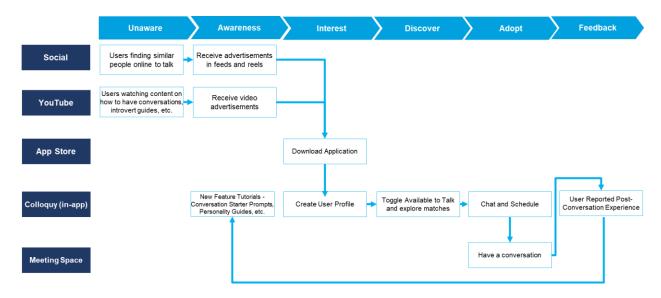
Product Requirements

Metric Name	Calculation	Product Requirement
Time To Value (TTV)	Average duration in minutes between when user is available to talk and when potential matches are produced Colloquy + Average duration in minutes to fill user profile	 As a product manager, I want the timestamp associated with each user's interaction of "Available to Talk" toggle so that I can calculate the TTV metric As a product manager, I want the timestamp associated with each user's potential matches produced by the system so that I can calculate the TTV metric As a product manager, I want the duration in minutes for the time the user remains active on the user profile filling page so that I can calculate the TTV metric
Monthly Active User Engagement (MAUE)	(Total number of chats in a month / Total number of active users in a month)*100	 As a product manager, I want the total number of chats in a month so that I can calculate the MAUE metric As a product manager, I want the total number of users who have more than four chats in a month to calculate the MAUE metric
Chat-to-Scheduled Conversion Rate (C2S)	(Total number of scheduled conversations / Total number of chats)*100	 As a product manager, I want the total number of scheduled conversations so that I can calculate the C2S metric As a product manager, I want the total number of chats in a month to calculate the C2S metric
Conversation Satisfaction Score (CSS)	[0.5*(psychological safety) + 0.3*(quality of conversation) + 0.2*(match relevance)] / (psychological safety + quality of	 As a product manager, I want the post-conversation feedback user reported psychological safety score so that I can calculate the CSS metric As a product manager, I want the post-conversation feedback user reported quality of conversation score so that I can calculate the CSS metric

conversation + relevance match)	As a product manager, I want the post-conversation feedback user reported match relevance score so that I can calculate the CSS metric
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2. Customer Lifecycle

AIDA model was chosen as the underlying purchasing model.



Additional Product Requirements to support Customer Lifecycle

Touchpoint	Product Requirement		
Create User Profile	As a system, I want the UI of the bio filling through a chatbot conversation instead of a form so that the user can have a good experience with the first interaction		
Toggle Available to Talk and Explore Matches	As a user, I want the toggle to be easily identifiable so that I can start a conversation as soon as I fill my profile		
New Feature Tutorials	 As a user, I don't want text heavy tutorials so that I can understand it quickly As a product manager, I want the content of the tutorials to be crisp, concise, and visually appealing As a user, I want to see prompts to use learnings from my tutorial like conversation starter tips in my chat windows so that I don't have to recollect new features before exploring them 		