One-Time Projec	t (Ending 2019)
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Priority 2

Project Summary: Develop and adopt a *Privacy Resource Guide* on electronic court records and access in trial and appellate courts. Following initial adoption, Judicial Council staff (led by Legal Services) will be responsible for maintaining and updating this document in consultation with appropriate subject matter advisory bodies, including ITAC.

Monitor and maintain the Privacy Resource Guide on Electronic Court Records and Access in Trial and Appellate Courts as needed

Key Objectives:

- (a) Circulate the draft guide for branch comment; revise as appropriate.
- (a) Finalize and seek ITAC and JCTC approval of the guide to be published on the Judicial Resource Network (JRN).
- (b) Finalize and seek approval of the guide by ITAC, the JCTC, and the Judicial Council.
- (b) Revise and update the Privacy Resource Guide with new privacy related laws, rules, forms, standards and best practices on an annual basis with a projected publication date after January 1, 2020 to allow for inclusion of published rules and law effective as of January 1, 2020.
- (c) Monitor and analyze how the Privacy Resource Guide is being used for the calendar year 2019, and make recommendations for which Judicial Council entity will be responsible for maintaining and updating the Privacy Resource Guide beyond 2019.

Objectives met or resolved:

- Continue development of a comprehensive statewide privacy resource guide addressing, among other things, electronic access to court records and data, to align with both state and federal requirements (completed 2018).
- Continue development of court privacy resource guide, outlining the key requirements, contents, and provisions for courts to address within its specific privacy policy (completed 2018).

Origin of Project: Tactical Plan for Technology 2017-2018; carryover from 2014-2018 Annual Agendas. Code Civ. Proc., § 1010.6 (enacted in 1999) required the Judicial Council to adopt uniform rules on access to public records; subsequently the rules have been amended in response to changes in the law and technology, requests from the courts, and suggestions from members of ITAC (formerly, CTAC), the bar, and the public.

Status/Timeline: December 2019

Resources:

- ITAC: Joint effort between the Rules & Policy and Joint Appellate Technology Subcommittees, Lead: Hon. Julie Culver
- Judicial Council Staffing: Legal Services, Information Technology
- *Collaborations:* Identity and Access Management Workstream; Appellate Advisory Committee, CEAC, TCPJAC, and their Joint Technology Subcommittee; Criminal Law Advisory Committee, and the Department of Justice



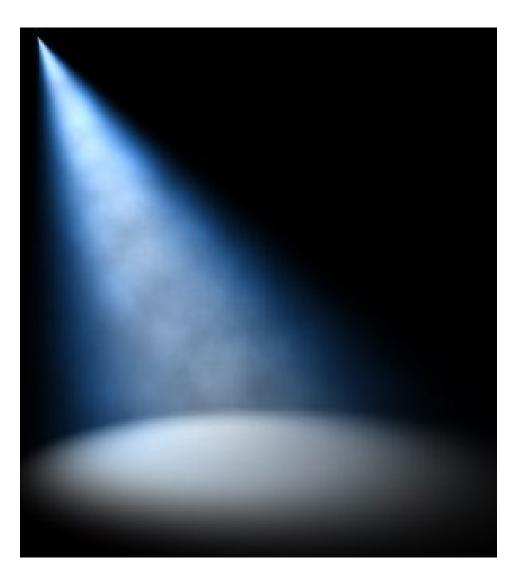
ITAC Futures Commission Directive: Intelligent Chat

ITAC Spotlight

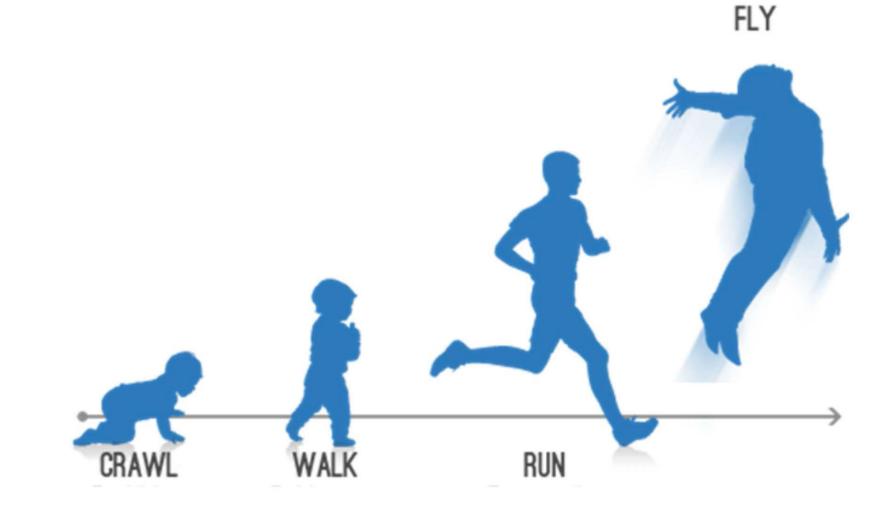
April 15, 2019

Spotlight Items

- How We Got Here
- Initial Findings
- Examples
 - CFCC LiveChat
 - Traffic Avatar
- Workstream Updates



How We Got Here



Directive from the Chief Justice*

The committee is directed to explore and make recommendations to the council on the potential

for a pilot project using **intelligent chat technology** to provide information and self-help services.

• Refer to :

- The Chief's memorandum dated May 17, 2017 (Item 1 in materials), and

- The 2017 Futures Commission Report, starting on page 211: Chapter Five: Technology Recommendations (Item 2 in materials)

Workstream Team Members

Hon. Michael Groch - Sponsor Mr. John Yee – Workstream Lead Ms. Fati Farmanfarmaian – Project Manager

Hon. Tara M. Desautels (Alameda)

Ms. Andrea K. Wallin-Rohmann (3DCA)

Ms. Natasha R. Moiseyev (Tulare)

Mr. Paras Gupta (Monterey)

Mr. Davis Luk (JCC-IT) Hon. Jason Webster (Kern)

Mr. Brett Howard (Orange)

Ms. Melanie Snider (JCC-CFCC)

Mr. Steve Tamura (Los Angeles)

Mr. Nelson Wong (JCC-IT) Mr. Darrell Mahood

(Los Angeles)

Ms. Hana Miller (Santa Barbara)

Mr. Stan Tyler (Los Angeles)

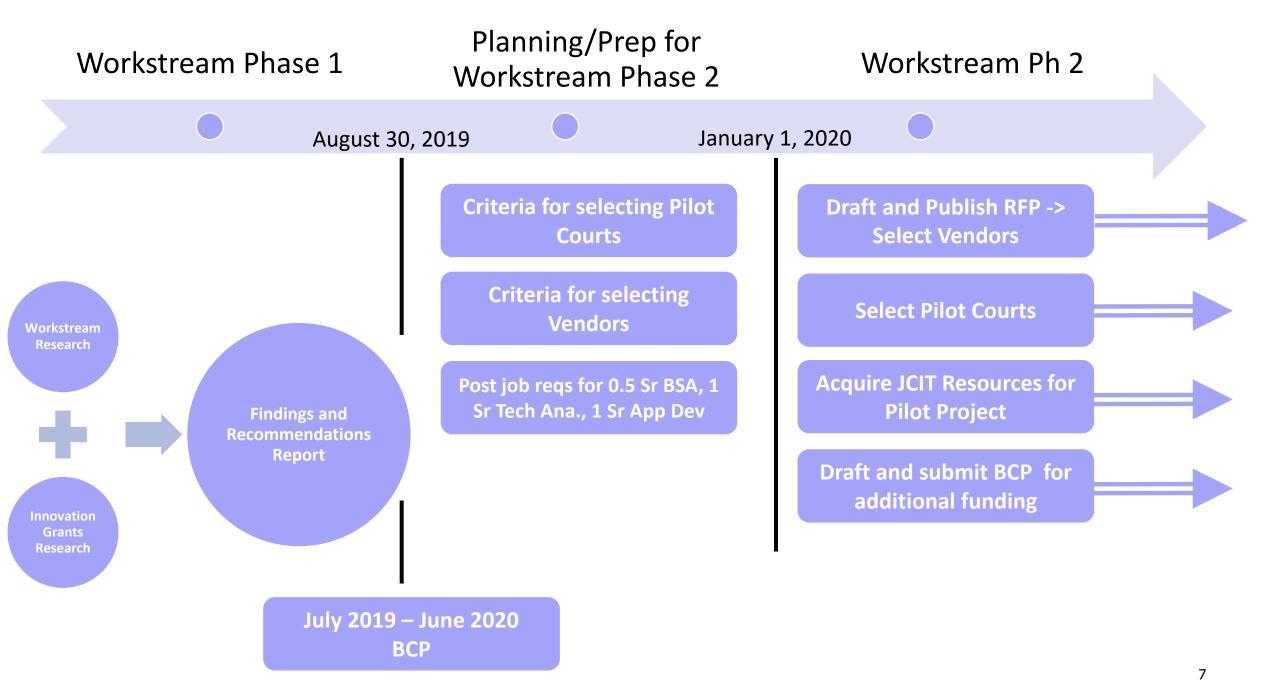
Ms. Karen Cannata (JCC-CFCC)

Mr. Anson Jen (JCC-IT)

Workstream Goals and Scope

- Phase 1
 - Identify and prioritize use case scenarios/user stories most critical to the branch
 - Identify legislative policies that may be an obstacle for using intelligent chatbots
 - Identify any legislative or internal policies that may be needed to enable the adoption of intelligent chatbots
 - Identify, assess and recommend technology platform(s) to explore in pilot (e.g. Google, Amazon, Microsoft, IBM, etc.)
 - Submit Findings and Recommendation Report
- Phase 2
 - Select pilot court(s)
 - Select vendor(s): draft and publish Request for Proposal (RFP)
 - Secure additional funding: draft and submit Budget Concept Proposal (BCP)

ITAC Supplemental Materials E-Binder Page 9



Initial Findings



ITAC Supplemental Materials E-Binder Page 11

Chatbot Maturity Model





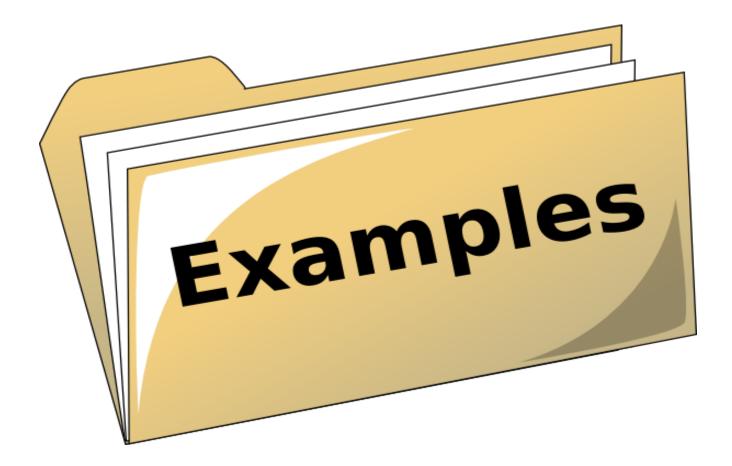




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	Level 0	Level 1	Level 2	Level 3
General Description	LiveChat	Basic Bot	Contextual Understanding	Self Learning
Key Characteristic	Human operated conversation	 Human to Bot Structured Conversation Simple Q&A Menu based Word based Usually One Language 	 Human to Bot Unstructured Conversation Natural Language Understanding Line based intelligence Mood detection Multi-channel & language Support 	 Human to Bot Unstructured Adaptive Conversation Bot to Bot Conversation based intelligence Machine Learning Artificial Intelligence
Applications at the Courts	 CFCC Self-Help LiveChat San Mateo LiveChat 	 Traffic Avatar @ LA (Gina) Riverside (Iris) Yolo Appellate Self Help 	 ATP Chatbot* LA Jury Chatbot* * Planned 	NONE AT THIS TIME





Level 0 Chatbot Example

CFCC 's LiveChat



CFCC Live Chat Pilot Need help with name change?

Live Chat

This chat button will connect you with a live person from the California Courts Online Self-Help Center who can help you find forms and information about name changes.

The agent is not your attorney and cannot give you advice. Any information you share with the agent during your chat is not confidential.

If you agree to the above and want to start chatting, please enter (1) only your FIRST name, (2) email address, and (3) a short description of your issue.

Introduce yourself *

Name, Email

Message

Chart ohn	diam.
Start cha	it the

<u>.</u>	Live Chat		-
À	Karen Customer support	ß	<i>-</i> G1

You can have a copy of this chat session emailed to you, by clicking on "Options" in the lower left corner of your chat box (desktop users) or by clicking on the Menu icon in the upper right corner of your chat box (mobile users).

Please help us to continue to provide this service by choosing a 'thumbs up' or 'thumbs down' rating or...

take our 1 minute survey: https://cfcc.co1.gualtrics.com/jfe/form/SV 01

ap3QXyOHKq0iF

Thank you for chatting with us today. Have we resolved your question(s)?

zendesk

O Yes

zendesk

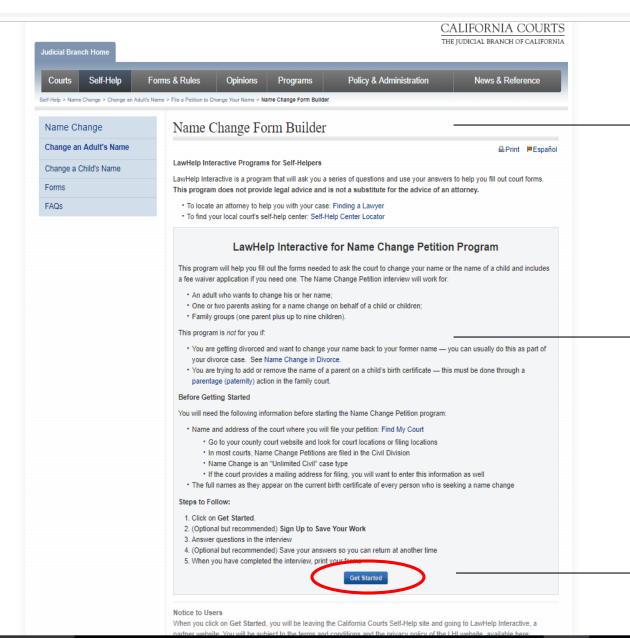
O No

Type your message here

Options . Hi, karen

Live Chat Karen 90 Customer support Karen joined the chat Karen Thank you for chatting! You can have a copy of this chat session emailed to you, by clicking on "Options" in the lower left corner of your chat box (desktop users) or by clicking on the Menu icon in the upper right corner of your chat box (mobile users). Please help us to continue to provide this service by choosing a 'thumbs up' or 'thumbs down' rating or... take our 1 minute survey: https://cfcc.co1.gualtrics.com/jfe/form/SV 0Ja p30Xy0HKq0iF Type your message here Options - Hi, Sarah zendesk **ITAC Supplemental Materials E-Binder Page 15**

1st Statewide Forms Tool on JCC site



Name Change Form Builder LHI Statistics (FY 18-19 Q1)

5,029 documents assembled Q1 CY 2019

Name Change Form Builder Google Analytics January '19

- 6,621 page views
- 4,729 "clicks " on Get Started

		Search			Q Advanced Search
Judicial Branch Home					CALIFORNIA COURT THE JUDICIAL BRANCH OF CALIFORM
Courts Self-Help	Forms & Rules Opin	ions Programs	Policy & Adm	inistration	News & Reference
Self-Help > Name Change		Live Ch	t >		
Name Change	Name Chang		15 F	100	
Change an Adult's Name		Chat starte	i)	-	🔒 Print 📁 Españo
Change a Child's Name	New!	Sofia joined the	chat		Search Self Help
Forms FAQs	The California Courts Name Change at the Monday, Wedne 9:00 a.m. to 12:0	Good morning! Let me see if I can help to answer your question. Before I do, I need to tell you about how I can and cannot help. I am not your attorney and cannot give you legal advice or tell you what you should do about your legal problem. The court cannot provide you with an attorney, and nothing you tell me is confidential. To protect your information, please do not share any personal or		ır	CENTRO DE AYUDA
	Look for a green tab i			ge	QUICK LINKS
	pages. If you don't se above. Live chat assistance November 15, 2018.	case specific information, like i numbers, or case numbers. Is you? Yes No No		sted	 Lawyers and Legal Help Find Court Resources Self Help A-Z Index
	This section gives you name by getting a cour	Type your message here Options + Hi, Diana	zende	ame	
	on government-issued i	dentification documents such a curity card. You will generally n	as your driver's licens	e,	CALIFORNIA SELF-HELP AND FAMILY LAW FACILITATOR LOCATIONS

Results After 21 Week Pilot

Who we have served

Feedback

Zendesk Analytics

- ✓ Online 9 hours/week for 3 hour shifts.
- ✓ 1,352 customers served
- ✓ 80% from 10 Southern
 California and Bay Area courts.
- Most common need: understanding the entire process and local court procedures.
- ✓ 99% positive rating on ZenDesk rating system (28% response rate)
- ✓ Approaching 100% satisfaction on customer satisfaction survey (22% response rate)
- \checkmark Comments:
 - "I learned a lot and had all my questions about the name change process answered."
 - "This live chat is a very helpful site. I love it."
 - "The agent was very helpful and I think I can finish the forms and get it right."
 - "You've been a tremendous help. I hope they continue to fund this program."
 - "Very helpful service, professional and kind assistance received."

- Av. # of users per week -64
- Av. # of users per hour 7
- Av. # of messages/user 16
- Av. Time per user 16 min

Level 1 Chatbot Examples

LA's Traffic Avatar - Gina



COUNTY OF LOS ANGELES

ITAC Supplemental Materials E-Binder Page 19 earch





Traffic

Traffic Court handles cases that usually begin when a citation or ticket is written by a law enforcement officer. Tickets can be issued for violations of traffic laws and other non-traffic offenses.



General Info

Courthouses, ADA

ONLINE SERVICES

Please select a language for online transactions

Seleccione su idioma para las transacciones en línea.

.

[Select Language]

Traffic Online Services provides the following options depending on the status of your ticket.

- Pay and Close Your Ticket
- Request a Payment Plan
- Request an Extension
- Request Traffic School
- Reserve a Court Date
- Check Ticket Status

TO START:

Enter your ticket number If you do not have your licket number Enter your driver's license number See My Court Services Interpreter Request Schedule Traffic Clerk Appointment

REQUEST AN INTERPRETER FOR YOUR TRAFFIC CASE

도로교통법 위반 소송에 대한 통역사 신청

• English · 한국어 • 국내bhbù · español • 中文 · Tiếng Việt

SCHEDULE TRAFFIC CLERK APPOINTMENT

For faster service regarding your traffic matter, schedule an appointment before visiting the court.

Click here to enter

COURT RESOURCES

Traffic Forms

Traffic Fees

Traffic Courthouses

Traffic Glossary

NOTICE

Jury

Jury Duty Portal, Q&A.

Many court forms contain important information. Please click here to read important forms for Civil, Family Law, Juvenile and Traffic in (Español, huŋtŋtů, 中文, Tiếng Việt, and 한국어).

Official documents and forms must be submitted to the court in English.

NEWS & NOTICES

NEWS RELEASES

No current news releases at this time. View all News Releases.

NOTICES TO ATTORNEYS

No current notices at this time. View all Notices To Attorneys.

NOTICE RE: FINANCIAL HARDSHIP

Defendants may petition the court to reduce or vacate their civil assessment or request an ability to pay determination for traffic/infraction matters. Please click here for more

Riverside Traffic Avatar - IRIS

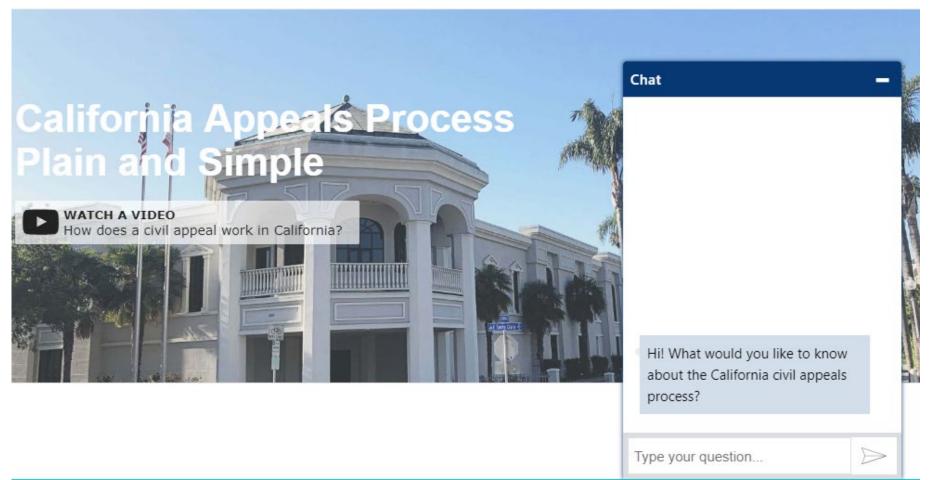
				Español	🛕 🔺 🗛 Contact U	Is
	IOR COURT OF CALI			Search	GC	
Home	Online Services Pay Fines, Search Records	Forms & Filing Forms, Fees, Fax Filing	Self-Help Family, Civil, Evictions	Divisions Civil, Criminal, Family	General Info Local Rules, ADA, Maps	
Home » Divi	sions » Traffic	RAFFIC				
ADR Appeals		ou may handle most traffic-re	lated matters on-line.		🛛 Print	
Civil Criminal		ayments: You may make a pa ayment options available belo			ay want to review the	
Enhanced Co	Diecuons Di	lease be advised the court is i uring this upgrade the traffic	clerk calendaring program v			
Family Law		convenience this may cause (ouring this upgrade.			May I help you?
Grand Jury Juvenile		How to Pay Your Ticke	t QUICK LI	NKS TRAFF	IC COURT LOCATIONS	Click here. ¿En qué puedo ayudarle? Haga clic aquí.
Probate			Traffic Self I			需要帮助吗?点击此处.
Procurement		Search Court Record	S Traffic and Tick Local For	rms Heme	et	需要幫助嗎?請技此處. هل لى أن أساعتة؟ القر هنا -
Small Claims Traffic			How to Reque FAQs	Morer	no Valley	Tôi có thể giúp gì cho quý vị? bấm vào đây.

Appellate Self Help Chatbot

CALIFORNIA APPELLATE COURTS SELF-HELP RESOURCE CENTER

APPEALS TIMELINE	
Overview of a case	

PREPARE DOCUMENTS Guided help completing forms KNOWLEDGE CENTER Q In-depth articles and resources



Potential Application Areas

- Divorce and Separation
- Families and Children
- Getting Started
- Traffic
- Name Change
- Eviction and Housing
- Wills, Estates and Probates
- Abuse and Harassment
- Small Claims

- Fee Waivers
- Civil Appeals
- Gender Change
- Criminal Law (Expungement)
- Seniors and Conservatories
- Problems with Money
- Guardianship
- Juror Services

Key Initial Findings

- Majority of effort is in developing and creating the knowledge bases
- SMEs are crucial to help developing appropriate chatbot interactions
- LiveChat Transcripts are excellent sources for
 - building content and
 - training chatbots
- Adding Machine Learning (ML) and Artificial Intelligence (AI) needs more time to research and develop best practices

Challenges

- Availability of Subject Matter Experts (SMEs)
 - Provide LiveChat services throughout the day
 - Ensure appropriate Content and Responses
- Using Knowledge Bases
 - Enabling chabots to access statewide and local courts' knowledge bases

Workstream Updates Major Tasks and Deliverables



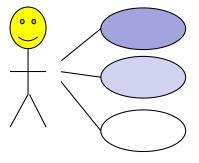
ITAC Supplemental Materials E-Binder Page 26

Business/Court Operations Track

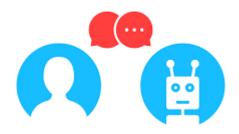
Collect and assess current chat/Chatbot projects

- Identify and monitor a series of court proof of concepts (POCs) to assess technology readiness for various use cases (e.g., Court of Appeal, E-Filing, Self-Help).
- Define and prioritized use cases and scenarios
 - Leverage technology summit use cases to define/refine user stories
 - ✓ Define priorities of use stories to be addressed by intelligent Chatbot technology
- Develop list of business requirements
- Identify key performance indicators and benchmark before/after success





Technology Track



Assess available technology



Legislative, Rules & Policies Track

✓ Identify the need for new rules, legislation or policies to authorize the use of intelligent chat services



Workstream Deliverables

 Σ Prepare Findings and Recommendation Report

- Σ Capture learnings and research
- \square Make recommendations

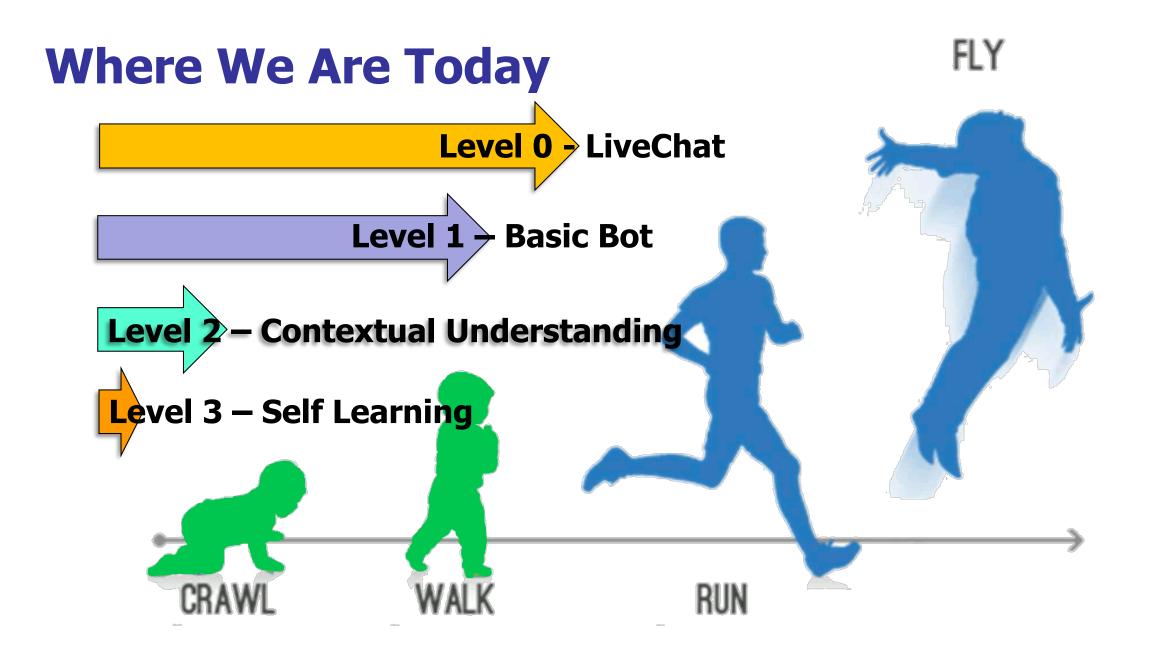
- Update Phase 2 of work plan based on results
- Seek approval from ITAC and the JCTC to conclude Phase 1 and initiate Phase 2; amend the annual agenda accordingly





Closing Remarks

- Chatbots are part of current norms
- More Content, More Information = More Access
- Technology is still improving and evolving







APPENDIX

ITAC Workplan

Information Technology Advisory Committee (ITAC) Annual Agenda—2019 Approved by Judicial Council Technology Committee: January 14, 2019

Existing Project (Ending 2019)				
1.1 Futures Commission Directive: Intelligent Chat for Self-Help Services (Phase 1)	Priority 1			
Project Summary: The committee was directed by the Chief Justice to explore and make recommendations to the potential for a pilot project using intelligent chat technology to provide information and self-help services.	e Judicial Council on the			
Key Objectives:				
Included in Phase 1 of this project:				
(a) Identify and monitor a series of court proofs of concepts (POCs) to assess technology readiness for vario Appeal, e-filing, self-help).	us use cases (e.g., Court of			
(b) Identify key performance indicators and benchmark before/after success.				
(c) Capture learnings and report findings.				
(d) Update Phase 2 of workplan based on results.				
(e) Seek approval from ITAC and the JCTC to conclude Phase 1 and initiate Phase 2; amend the annual ager	nda accordingly.			
Origin of Project: Chief Justice directive from the Futures Commission recommendations report; assigned to IT	AC in May 2017.			
Status/Timeline: August 2019				
Resources:				
ITAC: Sponsor: Hon. Michael Groch				
Judicial Council Staffing: Information Technology				
Collaborations: Court CIOs				

Workstream Approach

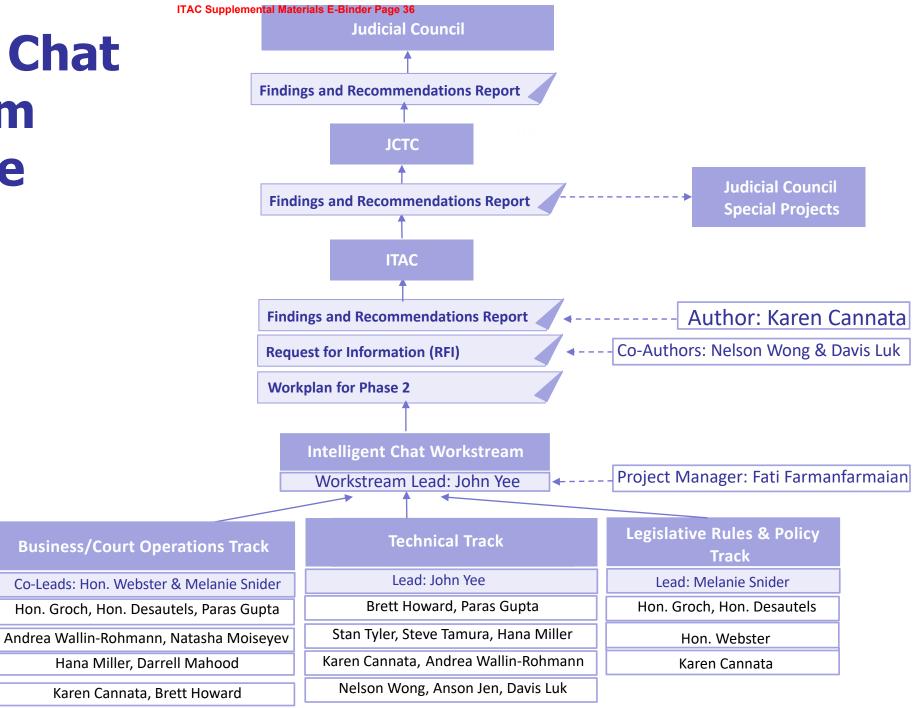
- 1. Workstream is organized into three tracks
 - a) Business/Court Operations Track
 - b) Technical Track
 - c) Legislative Rules & Policy Track
- 2. Tracks have working groups
 - a) Use of Brainstorm/Working Sessions to collaborate on ideas and complete deliverables
- 3. Project Management Methodology
 - a) Use of an Agile approach
- 4. Leveraging Collaboration Platform
 - Intelligent Chat SharePoint Site: provides a common location for team to access workstream information and artifacts







Executive Sponsor: Hon. Michael Groch



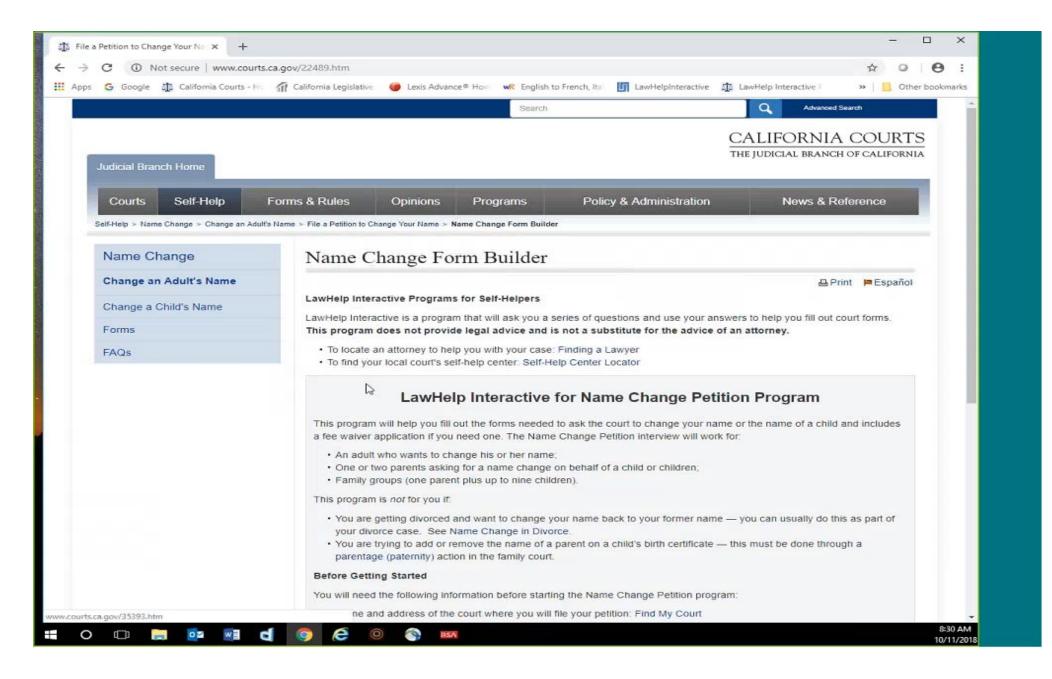
Last updated: 3/19/2019

Workstream Key Accomplishments/Milestones

Description	Date of Completion
Complete Business Requirements	10/12/2018
Complete Legislative, Rules and Policies Assessment	10/26/2018
Complete Technology Assessment Findings	02/01/2019
Complete Findings and Recommendation Report	08/30/2019
Update Work plan Phase 2	08/30/2019
Complete Phase 1	08/30/2019

CFCC LiveChat Appendix

ITAC Supplemental Materials E-Binder Page 39



Name change forms builder – user satisfaction survey

- 80% say the program helps them learn about the process to change their name.
- 85% are able to print their documents.
- 86% say that the program is "very" helpful in completing their forms; 14% say "somewhat" helpful. Less than 1% don't feel that it helped.

Live Chat

Zendesk

Analytics

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•

•

•

•

•

•

9 Week Pilot

497 chats

Av. # of users

per week -55

Av. # of users

messages/user

per hour – 6

Av. Time per

9 am – noon

user – 16 min

Av. # of

M, W, T

- 23

Well-Used Pilot...

Courts Self-Help I F.Help > Name Change	Forms & Rules Opinions Programs Policy & Administration	News & Reference
ame Change	Name Change	
hange an Adult's Name		🖴 Print 📁 Español
hange a Child's Name	New!	Search Self Help
Forms	The California Courts Self-Help Center is now offering live chat assistance for Name Change at the following times:	CENTRO DE AYUDA
AQs	Monday, Wednesday and Thursday 9:00 a.m. to 12:00 p.m. Pacific Standard Time	INFORMACIÓN EN ESPAÑOL
	Look for a green tab in the right bottom corner of your screen on name change	QUICK LINKS
	pages. If you don't see it, we're offline. Please come back during the hours listed above. Live chat assistance is provided by a pilot program and will be available until November 15, 2018.	 Lawyers and Legal Help Find Court Resources Self Help A-Z Index
	This section gives you information on legally changing your name or a minor's name by getting a court order. With a court order you can change your legal name on government-issued identification documents such as your driver's license,	ASK A LAW LIBRARIAN
	passport, and social security card. You will generally need a certified copy of the decree changing your name.	CALIFORNIA SELF-HELP AND Family Law Facilitator Locations
	If you want to change your name or that of a minor, click on the relevant section below to get the steps you must follow.	

The CCFC LiveChat Team

The Team: CFCC, Web Communications, Procurement

Policy Direction: Future's Commission

Procurement	Technology	Content Development/QA	Project Management
Zendesk license Contract attorney	Website configuration	Court outreach to all self-help centers	Project schedule, meetings, and milestones
contract accorney	Widget customization	Local court website research	Policies such as data
	Google Analytics	126 (and counting!) scripted responses	retention and customer follow-up protocol
		User interface configuration	Partner communication
		Transcript legal review and analysis	