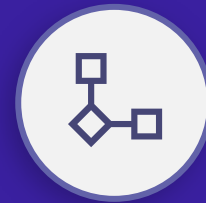# The hub for teamwork

Chat

Meetings

Collaboration with the
power of Office apps

Business process
workflows

Modern collaboration

The changing face of collaboration...

Communication across organizational boundaries

Globally distributed teams

Diverse workforce

Collaboration is critical for success

Brings changes in workspace...

Always on, always connected

Millennial impact – digital natives

Non-linear work – multiple teams and projects

Work is done outside of the office

Work is done outside of business hours

Multiple devices, including BYOD

Multiple apps and services

Customers and partners are building...

Retail
- Supply chain real time collaboration
- Shift, pricing, and inventory management

Financial Services
- Proposal manager for commercial banking
- Content sharing with compliance

Manufacturing
- Key accounts inventory and logistics
- Change order services

Health
- Patient care coordination
- Telemedicine

Energy
- Electricity, mining, oil and gas
- Location development and quality monitoring

Education
- Learning management systems
- Track, deliver and manage courses

Government
- Emergency/disaster response and recovery
- Citizen service: permitting and licensing

Real estate and Construction
- Leasing office tenant management
- Real estate customer engagement

Airlines, Transportation
- Flight/route crew communication hub
- Local crew shift management

Human resources | Front line workers

Analytics & BI | Marketing

Sales | Content Management

Calling & Meetings | Customer service

Devops | Project management

A few Teams scenarios…

Allow teams to connect, engage and be productive using your service within Microsoft Teams

Collaborate

- Allow teams to collaborate on group tasks and have real time conversations around services that you are providing

Share information

- Let teams search and retrieve content from your service for sharing or task completion

Create and collect

- Enable teams to create content and enter information that goes directly into your data store

Initiate workflows

- Let teams kick off new workflows from your service or trigger workflows automatically based on rules and events

Notify

- Send notifications automatically so teams don't miss a beat

Inform

- Publish new information to teams and empower them to discover more

Teams Platform

Capabilities

▢ Tabs
Surface your content within Teams, using a large canvas to host your UI

🤖 Bots
Inform teams and help them get tasks done through conversation

🔔 Notifications
Send notifications and messages from your service to teams

↗ Share to Teams
Enable content on your site to be shared through an embedded Share to Teams button

✎ Message Extensions
Allow teams to send rich messages using content from your service to inform others or create call to actions

🖥 Meeting Extensions
Create unique experiences before, during and after meetings

Graph API
Automate teamwork and create rich scenarios using data and functionality from the Microsoft Graph

Webhooks & Connectors
Simple ways to connect your web services to channels and teams

UI Constructs

▭ Cards
Create rich UI containers within a conversation to display content and support card actions.

📋 Task Modules
Create popup dialogs that enable teams to initiate or complete a task

Entry points

▭ Group Chats

▭ 1:1 Chats

▭ Teams

▭ Channels

▭ Personal Apps

▭ Meetings

Build for teams and individuals

Teams and Channels

Personal

Optimize your app to work within teams and channels to drive collaboration scenarios with your service

- Discuss work items
- Complete complex workflows
- Share information

Allow users to engage with your service when they need to focus on individual scenarios

- Complete personal tasks
- Information lookup
- Aggregate user-specific data

Publishing Apps

To the store
Available for all Microsoft Teams customers to use

To a tenant
Available for specific companies, controlled by tenant admins

To a team
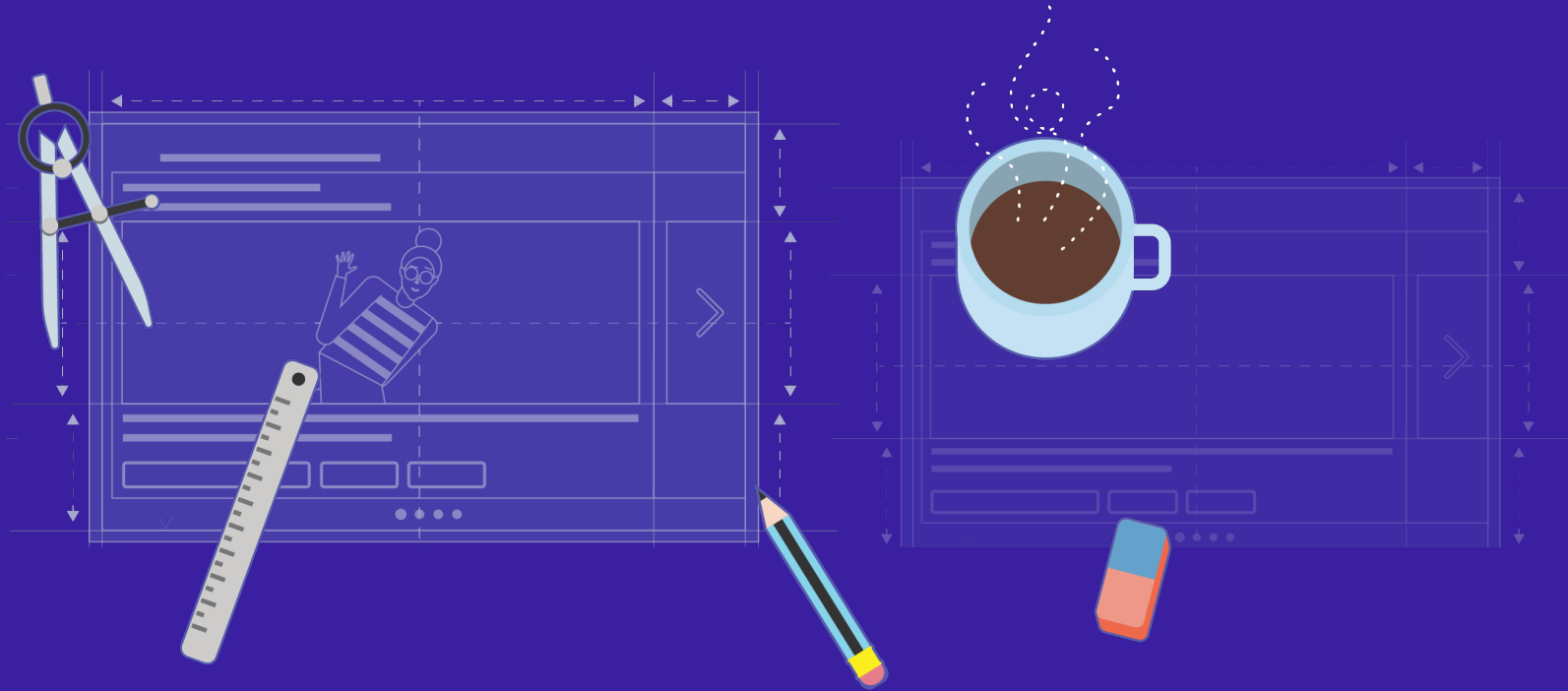For testing purposes, or for apps designed for specific functions and teams

Teams Toolkit & TeamsFx

- Project templates
- Automatic app registration
- Single-line authentication

https://aka.ms/teams-toolkit-vs

Demo

Prerequisites

- Visual Studio 2019
- ASP.NET web development workload
- Teams Toolkit extension
- M365 account
- Teams tenant with side loading enabled

Next for Teams Toolkit

- Deploy and Publish support
- CLI support using TeamsFx
- Better support for incrementally adding TeamsFx to existing apps
- Support for more Teams extensibility areas

Thanks for joining!

https://github.com/OfficeDev/TeamsFx