

Reading/Web/Advanced mobile contributions

[← Reading](#) | [Web](#)

Advanced mobile contributions mode is a feature set that will add more contributor features/capabilities to the mobile web experience. **To turn advanced mode on, go to your settings page on the mobile site and select "Advanced mode".**

We're focusing on expanding the functionality of the navigation and special pages to more closely resemble the desktop version of the site.

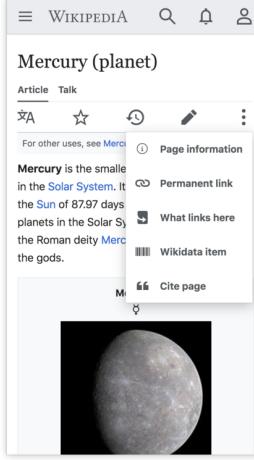
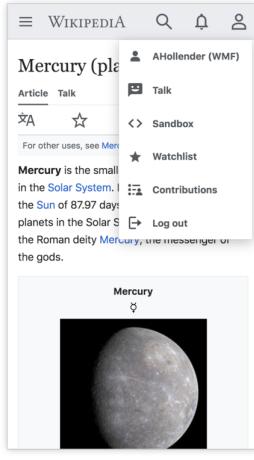
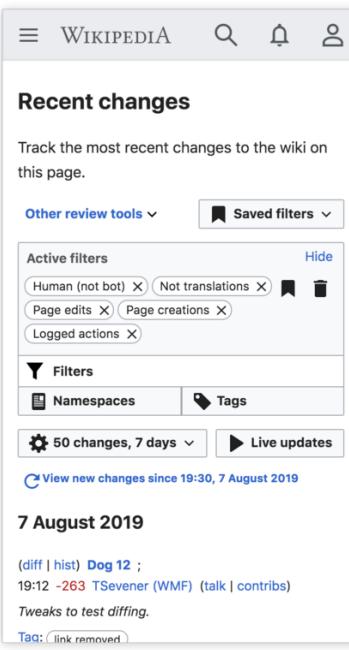
Jump to the What is changing section below to see what types of features/capabilities we're hoping to add.

If you've enabled the feature please visit our talk page to give us your thoughts (good or bad) and ideas.

Project Summary

Advanced mode on mobile is a feature set that adds several contributor features/capabilities to the mobile web

experience. Advanced mode adds navigational elements and menus that allow easy access to talk pages, history pages, Page information, and various other page tools, user tools, and special pages. Additionally, special pages (e.g. Recent changes and History) have functional parity with the desktop versions. In short, when advanced mode is enabled, the experience of the site via mobile more closely resembles the desktop experience. Some of the key features are:

| Article/Talk tabs at the top of articles | Article tools menu | User menu | Increased functionality on special pages |
|---|---|--|---|
|  |  |  |  |

Condensed process overview

1. Introduction

As of early 2018, the mobile website did not support many key contribution workflows. This stopped many editors from being able to contribute using the mobile site. The Readers Web team decided to work on this problem. We

wanted to expand the ability to contribute with functionality matching the desktop site. Our hope was that these changes would increase contributions using the mobile site.

2. Research

Between the Barcelona Hackathon (2018) and Wikimania Cape Town (2018), we spoke with over 40 editors to identify the main limitations with the existing mobile site.

3. Design & Testing

Based on initial research and past requests from communities, we decided

to focus on navigation and access to special pages and tools. We built a prototype and tested it with 61 editors. The response was very positive, and included some great suggestions as well as some valid concerns, most of which we were able to integrate into our final design.

4. Deployments

We began with introducing the Article & Discussion tabs at the top of the page. We released the feature as an opt-in setting on the Arabic, Indonesian, and Spanish Wikipedia projects due to their relatively large population of existing mobile

editors. After we rolled out several additional features to those three wikis, we expanded to include the Italian, Japanese, Persian, and Thai Wikipedia projects.

5. Results

As of August 6th, 2019, the expanded features are live on all wikis, and as an opt-in setting called "Advanced mode".

Retention rate: There was an 81% overall retention rate across all target wikis where "Advanced Mode Contributions" was deployed (time period: March 20, 2019 - June 30, 2019).

Below, you will find our process notes and other information about the project. If you've enabled the feature, please visit our [talk page](#) to ask questions and give us feedback.

Background

The mobile skin [Minerva Neue](#) was optimised for new readers and is missing several key contribution workflows that power editors depend on.

The skin choose not to link to certain pages to avoid overwhelming new users with links and other pages used on desktop were found not optimized or even usable on mobile devices.

Despite this, their absence prevents many contributors from being able to edit and moderate from the mobile web.

The Readers Web team has listened to requests from communities and has an increased focus on contribution workflows for the 2018/19 fiscal year.

The team aims to get the minimum work done that is needed to fix and expose the currently unavailable pages.

In addition to this, it will work on building expanded navigation to expose the wide range of editing functionality so that it can be used on the mobile web.

Our plan is to build this as an opt-in feature which editors can enable.

We believe this will decrease the necessity of switching between the desktop and mobile sites while on a mobile device and provide a better mobile editing experience.

We believe that expanding the contribution workflows on the existing Minerva skin will provide the most efficient way to increase the amount of productive mobile contributions at the trade off of perfection.

We also hope it will allow availability of the full breadth of tools in a short time-

span, giving us more time to do thorough research and design for the most crucial workflows.

We have captured this goal in output 3.1 from the 2018-2019 Annual Plan:

Contribution tools on mobile web via an existing MediaWiki skin.

Updates

October 10, 2019 - Advanced mode is now deployed everywhere

Advanced mode is now available on all Wikimedia projects.

August 8, 2019 - Advanced mode now deployed to every Wikipedia

Advanced mode is now available on all Wikipedias. Try it out and feel free to give us feedback, thoughts, and improvement suggestions on the talk page!

August 6, 2019 - AMC almost complete

Many changes have happened since our last update:

AMC deployments

AMC is now deployed on 7 Wikipedias:
Arabic, Indonesian, Spanish, Persian,

Japanese, Italian, Thai

Data so far

- There was an 81% overall retention rate across all target wikis where AMC was deployed (time period: March 20, 2019-June 30, 2019). This means that, overall, most people do not turn AMC off once it is turned on
- On target wikis, retention rates ranged from 72.6% (Japanese Wikipedia) to 90.8% (Persian Wikipedia).
- The completed report with per-wiki information is available [here](https://analytics.wikimedia.org/datasets/web-r) (<https://analytics.wikimedia.org/datasets/web-r>)

eports/AMC KPI Metrics Status Report FY2018 2019.html) .

Changes

- History page - the history page link at the top of the page now leads to a fully-featured history page, similar to desktop

「サギスゲ」の変更履歴

このページの記録を表示 (編集フィルター記録を表示)

版の絞り込み [展開する]

選択した版同士を比較

● 2019年8月5日 (月) 20:52 (最新 | 前)
Omotecho (会話 | 投稿記録)
+3
→分布と生育環境: 抜け字
タグ: モバイル編集、モバイルウェブ編集

取り消し

● 2019年8月5日 (月) 20:50 (最新 | 前)
Keisotyo (会話 | 投稿記録)
+95
→参考文献
タグ: PHP7

取り消し

○ 2019年8月5日 (月) 20:34 (最新 | 前)
Omotecho (会話 | 投稿記録)
+1,536
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タグ: 2017年版ソースエディター、PHP7

- User menu - the new user menu at the top of the page includes links to the user's user page, talk page, watchlist, contributions, and sandbox



- Overflow menu - the overflow menu (accessed from the main actions on the top of the page) includes links to page

information, wikidata description,
permanent link, PDF downloads, and
more)

≡ ウィキペディア  99+ 

サギスゲ

植物の種

ページ ノート

文 A    

サギスゲ *Eriophorum gracile* はカヤ
タスゲの仲間で、同じように穂が綿毛で覆われていて、
なく1つの花茎から数個つく。ワタスゲの仲間で、同じように穂が綿毛で覆われていて、
現して独特の景観を演出するものである。この種との関係についても述べる。

サギスゲ  ページ情報  この版への固定リンク  リンク元

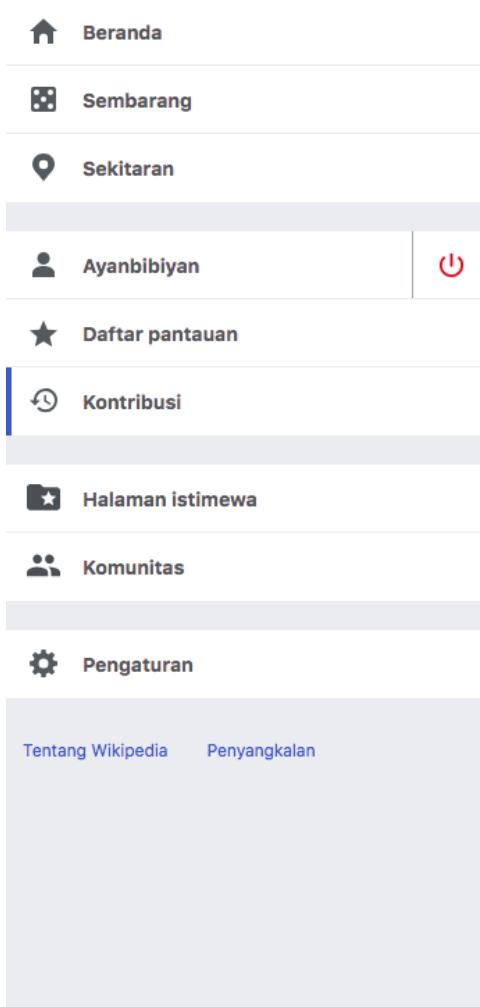
サギスゲ  ウィキデータ項目  このページを引用  ダウンロード



May 8, 2019 - AMC main menu now deployed on Arabic, Indonesian, and Spanish Wikipedias

You can now access an expanded set of pages via the main menu on AMC on Arabic, Indonesian, and Spanish Wikipedias. The menu contains links to all special pages as well as a link to the community portal for each Wikipedia

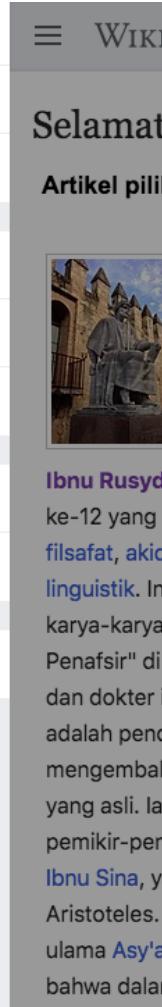
Main menu examples



The screenshot shows the main menu of the Indonesian Wikipedia. It includes a sidebar with links like Beranda, Sembarang, Sekitaran, Ayanbibiyani, Daftar pantauan, Kontribusi, Halaman istimewa, Komunitas, and Pengaturan. Below the sidebar are links for Tentang Wikipedia and Penyngkalan. The main content area displays a featured article about Ibnu Rusyd.

Beranda
Sembarang
Sekitaran
Ayanbibiyani
Daftar pantauan
Kontribusi
Halaman istimewa
Komunitas
Pengaturan
Tentang Wikipedia
Penyngkalan

Ibnu Rusyd

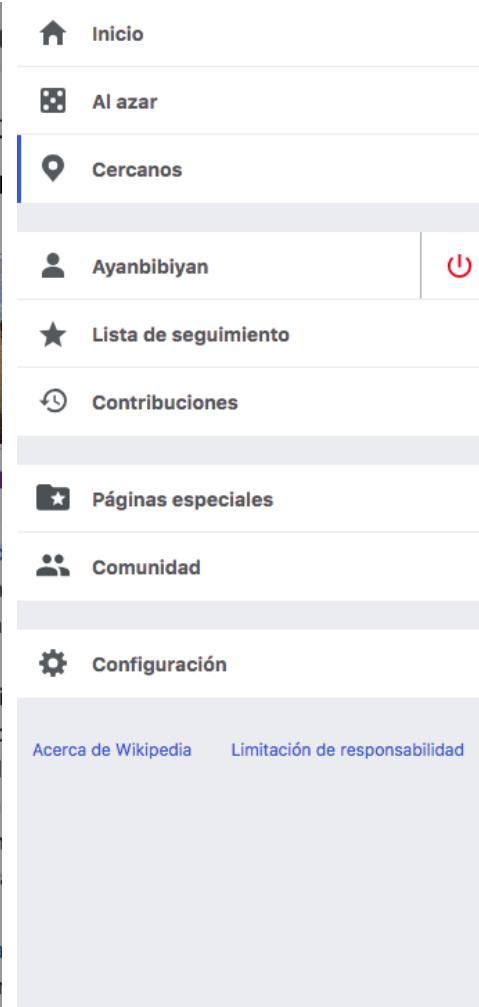


This screenshot shows the same main menu as the previous one, but with a different featured article. The article is about Ibnu Rusyd, described as a 12th-century Islamic philosopher, scientist, and mathematician. It mentions his work on "Penafsir" and his return from China.

Selamat artikel pilihan

Ibnu Rusyd

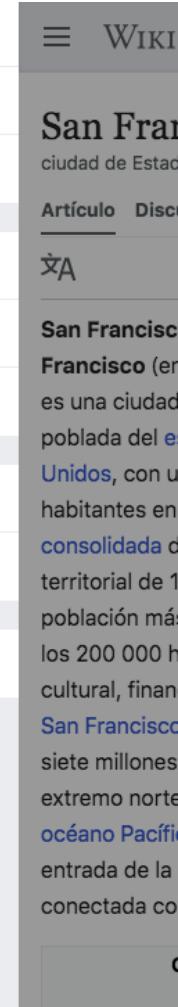
ke-12 yang mengembangkan filsafat, akidah dan linguistik. Ibrāhīm ibn Ḥūdī, atau yang dikenal dengan sebutan "Ibnu Rusyd" di Barat, adalah pendiri filosofis Islam yang asli. Ia merupakan pemikir-pemulis yang terinspirasi oleh Aristoteles. Ulama Asy'a'ibah menyatakan bahwa dalam



The screenshot shows the main menu of the Spanish Wikipedia. It includes a sidebar with links like Inicio, Al azar, Cercanos, Ayanbibiyani, Lista de seguimiento, Contribuciones, Páginas especiales, Comunidad, and Configuración. Below the sidebar are links for Acerca de Wikipedia and Limitación de responsabilidad. The main content area displays a featured article about San Francisco.

Inicio
Al azar
Cercanos
Ayanbibiyani
Lista de seguimiento
Contribuciones
Páginas especiales
Comunidad
Configuración
Acerca de Wikipedia
Limitación de responsabilidad

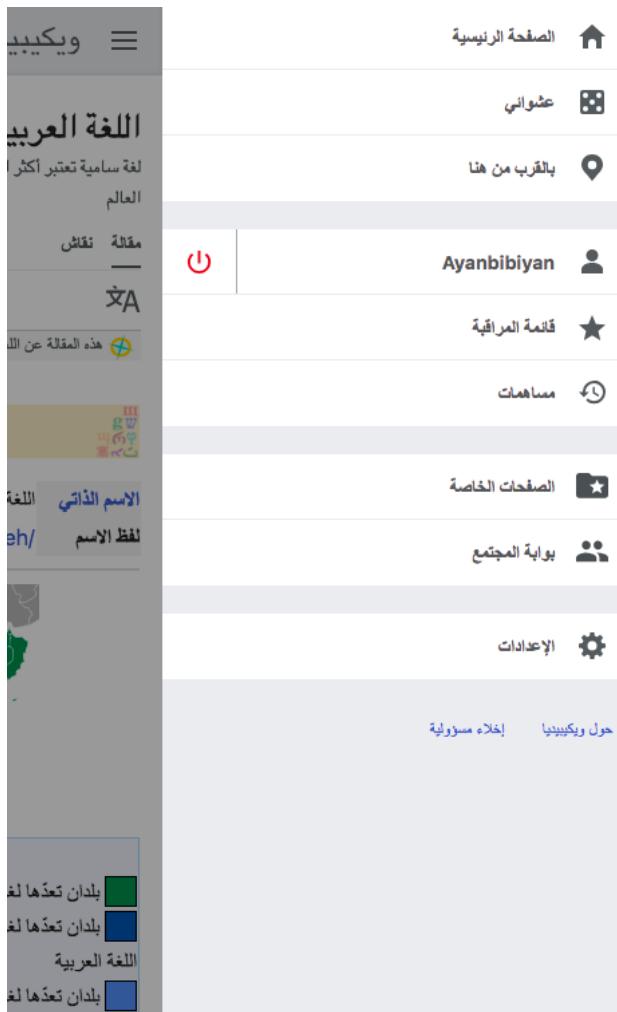
San Francisco



The screenshot shows the main menu of the English Wikipedia. It includes a sidebar with links like Inicio, Al azar, Cercanos, Ayanbibiyani, Lista de seguimiento, Contribuciones, Páginas especiales, Comunidad, and Configuración. Below the sidebar are links for Acerca de Wikipedia and Limitación de responsabilidad. The main content area displays a featured article about San Francisco.

Inicio
Al azar
Cercanos
Ayanbibiyani
Lista de seguimiento
Contribuciones
Páginas especiales
Comunidad
Configuración
Acerca de Wikipedia
Limitación de responsabilidad

San Francisco



March 27, 2019 - First AMC deployment on Arabic, Indonesian, and Spanish Wikipedias

The first release of Advanced Mobile Contributions is complete! Logged-in users on Arabic, Spanish, and Indonesian Wikipedias now have access to the first

set of features: easy access to the talk page (by selecting the “discussion” tab on the top of each page) and easy access to the history page (by tapping the history icon on the actions bar). Next, we will tackle replacing the current mobile history page with a responsive version of the page in desktop to provide the full set of functionality on mobile. For the first release however, the history page still navigates to the current mobile version of the page. You can turn on advanced mode on these wikis by selecting it from the settings page accessed through the menu menu on the mobile website.

Opting In

The screenshots show the following features:

- Feature 1:** A toggle switch labeled "عددي" (Numerical) under "الإعدادات" (Settings). A note below says: "تحديث حجم الخط لتسهيل القراءة" (Update font size for easier reading).
- Feature 2:** A toggle switch labeled "أظهر كل الأقسام" (Show all sections) under "الإعدادات". A note below says: "قم بتفعيل كل القسم المصادرات الفرعية" (Enable all secondary source sections).
- Feature 3:** A toggle switch labeled "نمط المساهمات المقيدة" (Constrained contribution style) under "الإعدادات". A note below says: "لبن تطوير حالي خواص جديدة للمحررين المقيدمين، عند تفعيل هذا المعلم يتم تفعيل الخاصية الجديدة لك تقليداً عند إصدارها، أي تغطية راجحة أو تعليل سكون مفتوحاً." (When I update my profile, new features for restricted editors are enabled, such as valid coverage or detailed reasoning open.)
- Feature 4:** A "Wikibits" section showing "Alex" has 1 edit. It includes a "مساهمات" (Contributions) link and a "الإعدادات" (Settings) gear icon.

Talk Page Navigation

The screenshots show the following navigation options:

- Left Screenshot:** Shows the "Discusión" tab highlighted with a yellow circle, indicating it is active. Other tabs include "Artículo" and "Taxonomía".
- Right Screenshot:** Shows the "Añadir discusión" (Add discussion) button highlighted with a yellow circle. Below it, the "Discusión" tab is active. Other tabs include "X" and "Enlaces rotos" (Broken links), "Enlaces externos modificados" (Modified external links), and "Leer como página wiki" (Read as wiki page).

History Page Navigation

The image displays two side-by-side screenshots of the Wikipedia mobile website. The left screenshot shows the main article page for "Vincent van Gogh". The right screenshot shows the "Riwayat halaman" (Page history) page for the same article. A yellow circle highlights the refresh/clock icon on the article page, and another yellow circle highlights the history tab on the history page.

Vincent van Gogh

Halaman Pembicaraan

WA ☆ ⏱ 🖊

Nama ini merupakan sebuah [nama Belanda](#); [nama keluarga](#)-nya adalah *Van Gogh*, bukan *Gogh*.

Vincent Willem van Gogh (Belanda: [vɪnsɛnt 'vɪləm vɑn 'ɣɔx] (audio dengarkan);^[note 1] lahir di [Zundert, Belanda](#), [30 Maret 1853](#) – meninggal di [Auvers-sur-Oise, Prancis](#), [29 Juli 1890](#) pada umur 37 tahun) adalah seorang [pelukis](#) [pascainpresisionis Belanda](#) yang menjadi salah satu tokoh paling terkenal dan berpengaruh dalam sejarah seni di Barat. Dalam waktu lebih dari satu dasawarsa, ia menciptakan kurang lebih 2.100 karya seni, termasuk sekitar 860 [lukisan minyak](#) yang kebanyakan dibuat selama dua tahun terakhir kehidupannya. Karya-karya tersebut meliputi lukisan [bentang alam](#), [alam benda](#), [potret](#), dan [potret diri](#), dan memiliki ciri khas berupa warna yang tebal dan dramatis serta goresan kuas yang impulsif dan ekspresif.

Riwayat halaman

[Vincent van Gogh](#)

25 Maret 2019

06.46 Mimihitam
+4 tidak ada ringkasan suntingan

06.44 Mimihitam
tidak ada ringkasan suntingan

06.41 Mimihitam
tidak ada ringkasan suntingan

8 Februari 2019

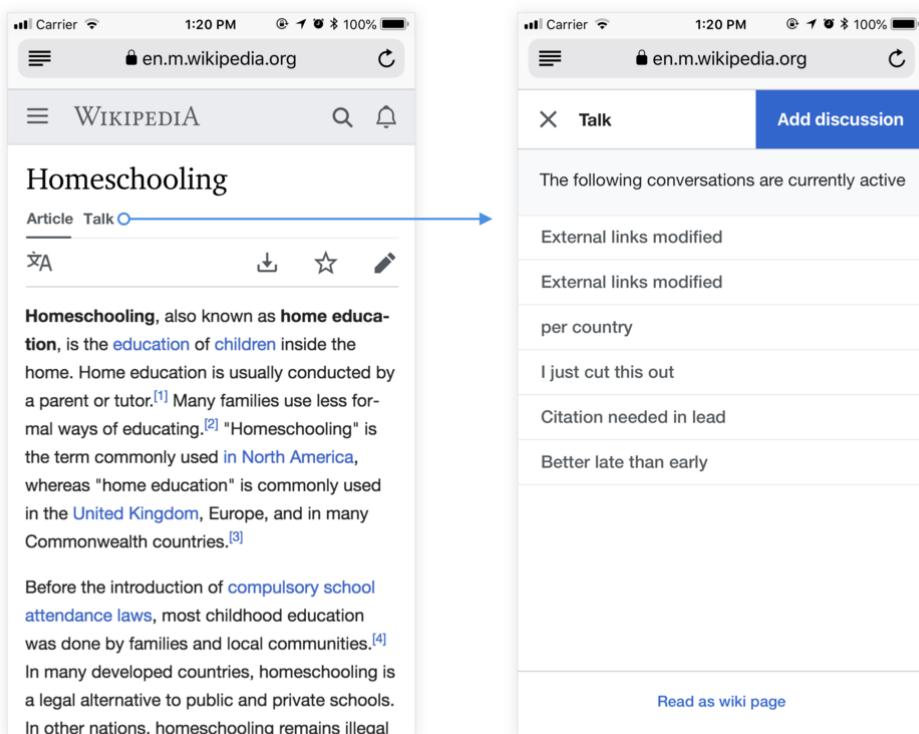
03.53 Rachmat-bot
+10 cosmetic changes
k

7 Februari 2019

January 14, 2019 - Getting started with Talk page links

We're excited to be underway with the initial stages of development on Advanced Contributions mode. Based on our research and community

collaboration we learned that making Talk pages more accessible is a key component of mobile contributions. So first up: we will be adding a **Talk** link at the top of each page, for all namespaces. Because we are aiming to work iteratively at first the Talk link will lead users to the current mobile talk page experience:



However this current Talk page experience is a little disconnected from the article it belongs to — particularly if you switch to "Read as wiki page". It can be a bit confusing to get back to the article. So one of our design goals is to unify the article and Talk experiences, by rendering the Talk page as a tab of the article, similar to desktop. We hope this will help people keep their context, while also allowing seamless navigation back and forth.

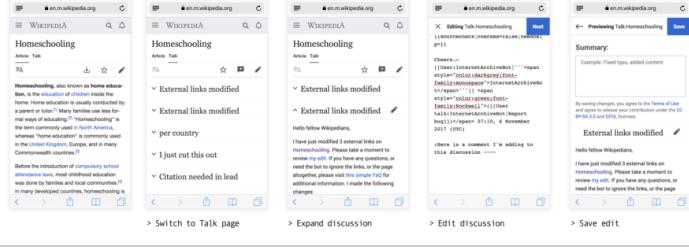
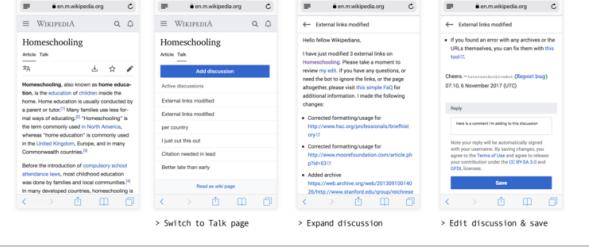
Additionally, while working on the designs for this we realized that we have not yet had a discussion with the community about which version of the

Talk page is preferred. Here are some things we're wondering about:

- How well does the current, mobile-optimized, Talk experience work for advanced editors?
 - Thinking about various actions such as: viewing discussions, responding to discussions, adding new discussions
- Are there features of the "wiki" version that are missing from the mobile version? Or in other words, what are reasons that people currently might switch to the wiki version of mobile Talk pages?

- Generally speaking are there minor improvements that could be made to either Talk experience?

In the hopes of sparking discussion and ideas here's how we envision the Talk page functioning as a tab. The screens below show the basic workflow for editing a discussion in both the current/default version, and the "wiki" version. As a reminder, both of these experiences are currently available on the mobile site, so you can try them out for yourself to get a better sense of what you like/dislike and let us know (on the talk page of this page).

| Wiki version | Default version |
|---|--|
|  |  |

All feedback is welcome and much appreciated. Let us know what you think!

November 12, 2018 - Navigation prototype feedback summary

We are very grateful to have received feedback from **61 editors** thus far on our advanced mobile navigation prototype.

The response to the design was overwhelmingly positive, and included some great suggestions as well as some valid concerns raised. All of the feedback is valuable and will inform the next

design iteration. We wanted to take a moment to both acknowledge all of you who took the time to go through the prototype, as well as highlight a few themes that surfaced. I'm considering something a theme if it was noted by two or more editors (considering the small sample size).



Themes

Questions and concerns:

- Should categories be on by default in this mode? What will the relationship

between this mode and other beta features be?

- Is Sandbox something that people use on their phones?
- How does this new design look and work on tablet?
- The sticky toolbar is nice, but perhaps it would be better if it only appeared upon scrolling up (rather than always persisting)
- Can we add the main header to the sticky toolbar, so that you can get access to search and the hamburger menu from the middle of a page?
- Should this mode be available to logged-out editors?

- Could we support a namespace specific search UI?
- Icon improvements: Recent changes, History, Add discussion (on Talk page)

There were two other categories of questions and concerns raised:

1) Things pertaining to the display and functionality of Special pages (e.g. History, Recent changes) — it was great to see these remarks, as they guide us towards the next bit of work for this project, which is improving Special pages on mobile (more feature-rich, while still being manageable on a small screen)

2) Things that fall outside the scope of our current work: dark mode, an improved language icon

Appreciation:

- Having easy access to the Talk page
- Having easy to access History
- Wikidata item accessible
- Links to other Wikimedia projects
- Sandbox
- Toolbar accessible without going all the way back to the top of the page

Quotes

"Much more convenient and usable than the current mobile

view. Everything I would expect to find in a mobile view for editors is there." — Darylgolden

"I am eagerly waiting for this design." — AnkurWiki

"I think it's a great design, newcomers may be a bit confused but other than that, I like it." — Charizard201

"There seems to be lots of peculiar functions being added in this prototype compared to the existing experience. I appreciate

the addition of Recent changes and "Special pages" but many of the other new links just add unnecessary confusion and clutter to the interface. I like the existing mobile interface because it reduces this clutter.

Print is not something I need to do on my mobile phone for example." — Ming

"The previews presented look like a major improvement, currently the mobile browser

doesn't seem editor-orientated at all.” — Donald Trung

Known prototype bugs

There were a number of errors in the prototype. We are calling them out here just so they are acknowledged as errors:

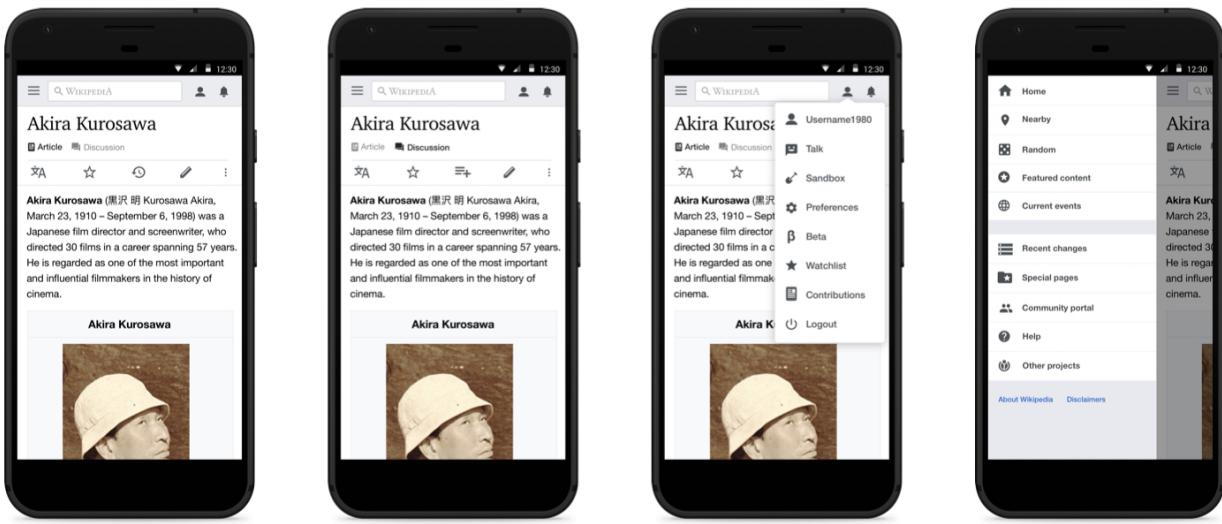
- Search experience, Wikipedia logo bug
- Notifications panel should have an “X”
- Missing section edit buttons
- Add edit button to action menu on Talk page (general & section)
- Heading on Talk page should be “Talk:”
- Some items in action menu don’t make sense on Talk page (Wikidata Item)

September 18, 2018 - Need your help! Collecting feedback for the new navigation prototypes

We have updated our prototype for the new navigation. The prototype is a response to the feedback we received at Wikimania. We have some questions on the current version as we continue to iterate. Any and all comments are appreciated! Keep in mind that since this is a prototype most of the links don't actually work, and there might be other bugs or quirks that you'll come across. We have also marked the feedback page for translation and hope to have it available in a variety of languages soon.

Click on this link to view the prototype
and give us feedback.

Preview of prototype



August 24, 2018 - Published results from Wikimania interviews

We have published the results of our research at Wikimania. Over the course of the conference, we interviewed 30 editors with the goal of identifying the main

issues with mobile editing, prioritizing the pages that editors find most important, and raising awareness for the project among editors who are interested in mobile editing. In particular:

- We noted that editors we spoke to were, overall, very excited about these changes, allowing us to feel confident with moving forward with the project.
- We generated a list of the most important pages/workflows on mobile for the interviewed editors.
- We gathered a group of editors that are interested in the project and willing to review and collaborate in the future by

giving us feedback on prototypes and participating in other user testing.

- We gathered feedback on our current prototypes for mobile navigation, giving us enough information to continue with the next round of iteration.

Please review our results and let us know what you think. Feedback is welcome and appreciated!

August 7, 2018 - Wikimania interviews

We performed 30 interviews with editors during Wikimania to collect information

and feedback on the following:

- Pages that are most important to contributors for mobile use
- Feedback on our initial prototypes for advanced navigation

We are collecting and analyzing our results and will post an update to this page soon. We are also putting together a list of editors interested in providing feedback on prototypes throughout the development process. Let us know on the talk page if you're interested as well!

June 20, 2018 - IRC office hours

We will be holding IRC office hours to go over the proposal and brainstorm areas for improvement. We are particularly interested in speaking to editors on the contributions they would like to be able to make on mobile and on the special pages and flows that are most important.

May 19, 2018 - Themes from Barcelona Hackathon conversations

During the Barcelona Hackathon in 2018, we held two sessions focused on discussing this project with members of

the editing and technical community.

These are our notes from these sessions:

- Interest in exposing more pages in mobile was high and people agreed that any work in this direction would be valuable. The main issues that were identified were use and availability of gadgets as well as specific workflow variation - tools used and shifting across wikis, different workflows based on projects, workflows split among multiple pages, etc. Interest was raised towards microcontributions and new microcontribution functionality (noting this here as it came up multiple times,

although it is outside the scope of this project).

Full notes from the sessions can be found on this etherpad.

How people currently edit on mobile

1. Switch back between Vector and Minerva, although some editors preferred Minerva
2. Use mobile for language and translation due to better multi-language input
3. Use mobile for better syntax highlighting

What we're missing currently

1. Users do not like the fact that certain pages are blocked on mobile
 - “a lot of what timeless did well was simply bringing back hidden pages and features”
2. There is an interest in exposing all pages, even if they are flawed
3. Gadgets - one user switches to desktop only for the ability to use their gadgets
4. Recent changes
5. History
6. Familiarity - If there were a mobile version of Vector, for instance, it would make it easier to find something familiar

7. Mobile-specific workflows

8. Easy way to read discussions - talk
pages, help desk, administrative
noticeboard, help desk

9. New ways for microcontributions

Split audience here. While all could agree on missing functionality, the room seemed to be split along the lines of making this functionality mobile-specific versus making it available now and allowing editors to find workaround where necessary within their current workflows

Ideas on exposing all pages

1. It probably won't scale to expose all pages - begin with a prioritized list
2. Collapsing rather than hiding can give a lot of the gains of hiding without the detriments

Minerva vs Vector

1. No strong opinions either way - some people leaning towards Vector with the technical motivation of only having one skin. Others disagreeing to say the more skins the better
2. Either will be useful and an improvement from the norm

Other notes

1. A lot of simple tasks are built into tools such as Twinkle and Huggle. Focusing on performing these tasks directly from mobile might not get us the results we are expecting. However, not all editors use these tools.
2. Whether responsiveness is desirable came up a few times - good to remember that regardless of what we do, it will make some people unhappy
3. Often special pages might not even be that useful - while some people use recent changes, there's a wide

variety of workflows that this does not account for

4. 80/20 rule applies to microcontributions - it would be helpful to have a way to tag articles/portions that fall into the side that requires more care, attention etc from mobile. These can later be reviewed on desktop

5. Vandalism example: "If you look at vandal-fighting the bots take 70% of the work. 30% left - automation to say likely hard/likely not hard. Likely not hard - show to mobile user like "do you think this might be

vandalism" with buttons "yes" and "no"

Identified pages that need some work:

- Talk pages
- Village pump
- Administrative noticeboard
- Help page
- Recent changes
- Pending changes
- Flagged revisions
- Special:RecentChangesLinked
- Special:NewPagesFeed

Questions

What percentage of editors use outside tools for microcontribution-type flows?

What are the main revision workflows per wiki?

Project background

The screenshot shows the Wikipedia 'Recent changes' page in the Vector skin. At the top, there's a user menu for 'O Vasileva (WMF)' with links to 'Sandbox', 'Preferences', 'Beta', 'Watchlist', 'Special page', 'Log out', and a search bar. Below the header, the title 'Recent changes' is displayed with a help link. A sub-header notes that this is a list of recent changes to Wikipedia. On the left, a sidebar contains links for 'Main page', 'Contents', 'Featured content', 'Current events', 'Random article', 'Donate to Wikipedia', 'Wikipedia store', 'Interaction', 'Help', 'About Wikipedia', 'Community portal', 'Recent changes', 'Contact page', 'Tools' (with 'Atom', 'Upload file', 'Special pages', 'Printable version'), and 'Languages'. The main content area shows a list of recent edits with columns for '22' (the number of changes), 'Ju' (the user), '20' (the timestamp), and a list of edit types: 'r Edit flagged by ORES', 'N New page', 'm Minor edit', 'b Bot edit', 'D Edit made at Wikidata', and '(+123) Page size change in bytes'. Below this is a 'List of abbreviations' with definitions for 'r', 'N', 'm', 'b', 'D', and '(diff | hist)'. To the right, there's a 'Recent changes options' section with links for 'Show last 50 | 100 | 250 | 500 changes in last 1 | 3 | 7 | 14 | 30 days', 'Hide registered users', 'Hide unregistered users', 'my edits', 'Show bots', 'Hide minor edits', 'Show page categorization', 'Show Wikidata', and 'Hide probably good edits'. At the bottom, there's a 'Namespaces' dropdown menu with options 'all', 'Invert selection', and 'Associated namespace'.

Recent changes page in the Vector skin as seen from a mobile device

Recent changes special page in the Minerva skin before optimizations

We began the research process by consulting with individual members of the community on the main obstacle to mobile editing in their opinion. Combined with two group consultations led at the Barcelona Hackathon, the following main issues were identified:

- Pages necessary to perform contribution (editing and moderation) workflows are currently unavailable on the mobile website
- There is a lot of unexplored potential for microcontribution workflows on mobile

The focus of this project will be on the first issue - providing access to currently

hidden pages from the mobile website.

What is changing?

Overview

For this project, we will be focusing on expanding the functionality of the mobile site to include navigation and special page access similar to the desktop experience. The new functionality will be available to all logged-in users via a preference on the mobile settings page.

We will be rolling out changes progressively starting with the navigation portion. If you currently edit on mobile or plan to in the near future - we'd love your feedback on the proposed changes!

Navigation

The navigation for AMC mode will include the following:

- Talk page access from the top of the page (in tabs similar to desktop)
- History page access from the top of the page
- Expanded user menu that includes links to your user page, talk page, sandbox, and contributions
- Expanded menu that includes access to recent changes, special pages, community portal, and other projects
- Advanced page actions that include downloading the page as PDF, page

information, permanent links, wikidata item, links to the page, etc

Special Pages

We will be working on providing partial or full mobile functionality for the following pages (in prioritized order):

1. History
2. Diff pages
3. Watchlist
4. Talk
5. Contributions
6. Recent changes
7. User pages
8. Village pump

9. Preferences

10. New pages feed

11. Pending changes

12. Related changes

13. What links here

Recommendation

Expose currently unavailable pages on the mobile website using the Minerva skin as an opt-in setting option.

- Doing the changes in the Minerva skin is more straightforward from a technical perspective and requires lower maintenance cost than other options. It also reduces disruption to existing workflows. Community

members can use Minerva with the new optimised experiences on their mobile devices, and continue to use their existing experience with Vector or other skins on desktop.

Audience

- Active editors, in particular medium and high-volume editors (100+ edits)
- Editors focused on maintenance workflows - easier to make smaller contributions from mobile
- Nice to have: all mobile editors

Per project

While we will be reaching out and are open to feedback from all projects, we

have created a list of projects that we would like to specifically focus on. We looked at wikis that already had a decent amount of editors on mobile, indicating that editing on mobile is a comfortable concept for users of these projects. As the target audience for this project is medium and high-volume contributors, our assumption was that projects with a decently large number (1000+) of monthly editors would be likely to have a higher percentage of editors with 100+ edits. Finally, in terms of priority, we wanted to focus on projects that had the largest gap in mobile editing - projects whose ratio of mobile edits to new active editors was the highest:

1. English Wikipedia
2. Spanish Wikipedia
3. Japanese Wikipedia
4. Chinese Wikipedia
5. Portuguese Wikipedia
6. Italian Wikipedia
7. Pashto Wikipedia
8. Hebrew Wikipedia
9. Arabic Wikipedia
10. Finnish Wikipedia
11. Vietnamese Wikipedia
12. Indonesian Wikipedia
13. English Wiktionary
14. Thai Wikipedia

15. Hindi Wikipedia

Metrics

KPI's

- Mobile web edit rate on target wikis: 10% increase
- Retention rate for opt-in advanced mobile mode amongst medium and high-volume editors (100+ edits previous month): At least 60% retention
- Moderation actions on mobile web on target wikis: 10% increase

Other potential metrics

- Decreased number of users of desktop version link?
- Number of users opting into/out of the feature

More details: [phab:T210660](#)

New functionality

An advanced editing option will be presented in the mobile settings menu (not a part of beta settings). Selecting this option will do the following:

1. Add navigational elements within the user menu that direct to pages

currently missing from the mobile website.

2. Switch all MobileFrontend mobile special pages to redirect to the base MediaWiki special pages. (For example, if a link currently navigates to

https://en.m.wikipedia.org/wiki/Special:History/King_Island_emu ,

switch to

https://en.wikipedia.org/w/index.php?title=King_Island_emu&action=history)

Roadmap

1. Perform user consultation based on proposed approach
2. Determine navigational elements and hierarchy
3. Determine metrics and build out instrumentation
4. Build new navigation
5. Switch links/Redirect mobile pages to MediaWiki pages
6. Provide settings option and communicate widely
 1. Potentially provide banner/some sort of CTA for advanced editors

7. Based on feedback, prioritize fixes necessary to special pages

8. Perform fixes in prioritized order

Length

The total length of this project would be approximately 1.5 quarters

Technical estimates

The below estimate is for exposing the pages only. The special page fixes will require extra work depending on the scale/number of pages:

- Navigation, link switching, adding new setting: 1 Quarter, approximately 2 engineers

Working with the communities

We would like to work with communities to help prioritize the special pages and flows for the mobile website as well as to help get feedback on the state of the project throughout development. We plan to do the following:

- IRC Office hours
- Constant communication throughout the development process with updates and time for the communities to provide feedback
- Announce and discuss deployment schedules on all wikis

- Provide banner/call to action for advanced editors upon deployment

Next Steps

Based on feedback received, we may continue with the following:

- Expanding the set of fixes to special pages
- Expanding the possible workflows available (making certain gadgets work on mobile, for example)
- Continuing with similar changes in the vector skin (making vector responsive)

Rationale for choosing this technical approach

Product

Achieving the overall objective can be done through the following on mobile:

- Displaying hidden special pages in an existing MediaWiki skin
- Identifying issues with current special pages and performing fixes to make pages usable

In terms of functionality, both the Vector and Minerva skins can achieve the objective. Investing in the Minerva skin for mobile, however, will make future

transitions between entry-level editing and advanced editing easier and ensure a more consistent user experience throughout the process. In addition, exposing veteran editors to Minerva is likely to make them more conscious of the way their edits are displayed on the mobile website, which could eventually lead to providing better content for readers and editors alike.

Technical Rationale

From a technical perspective, doing these changes in the Minerva skin is preferable compared to Vector because of the downsides of doing so in Vector:

- Less complexity - if we select Vector, we will need to hide the responsive vector changes under a feature flag, thus allowing for three separate versions of the mobile website - Vector, Responsive Vector, and Minerva. We would also have to work on making sure we hide gadgets for Responsive Vector or worse, audit all gadgets before shipping so that we do not break any existing gadgets or workflows in Vector
- Onboarding cost and development time will be higher - doing the project in Vector will take approx. twice the amount of time

- Higher maintenance cost - the team will be expected to bear the full burden of maintaining volunteer changes to Vector

Community risk and adoption rationale

From the community perspective:

- No strong preference was shown towards performing the changes in either skin.
- Doing the changes in the Vector skin introduces risk - it was highlighted during our sessions and individual consultations that many members of the community will prefer to use the desktop version of Vector on their

phones despite the changes due to familiarity. We would like to allow editors to be able to continue doing this in the future

- Community members stressed the importance of informing users on Minerva about the new advanced functionality to promote adoption.

Documentation

- Technical analysis
- Community consultation summaries and product rationale

Feedback

Feedback on this work is welcome on the talk page.

Summaries of specific community feedback.

- Themes from Barcelona Hackathon conversations
- Themes from Wikimania 2018 user testing (notes to be added)

See also

- Data on existing usage of special pages

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