Yamba technical requirements

Yamba - social network where people are posting content (images, videos, url and text) and viewing content. The system includes 3 main parts: Web application, native iOS app & CMS.

Content availability

Common rule : object can be reached, updated and deleted by the author. Please see details and deviations from the rule in correspondent feature articles.

Technical background

Server: PHP

Database: MySQL

Front-end: Angular

iOS: Objective C (+FLUX)

iOs application

iOs versions:

Supported devices:

0. User roles

List of User roles for iOs application

Role	Permissions
Registered users	CRUD content
	Read content from other boxes. See 2. Boxes

Web application

Website tree map

0. User roles

List of User roles for Web application

Role	Permissions
Administrator	All permissions
Unregistered users	Read public content
Registered users	CRUD content

1. Authentification

There are 2 available options to authenticate / create an account:

1. Regular: user can create an account with **email /password** and **username.**
2. Facebook: user can create an account with **Facebook** credentials

2. Boxes

This menu item allow to select a box to display (choose between **Main feed** or **Custom feeds**), or to create a custom box. Boxes are a filters for the content.

Filtering logic:

(#tag1 OR #tag2 OR..) and (@user1 OR @user 2 OR..)

Example:

Box: @CNN, @BBC, #football and #Olympics

There are plenty posts in the feed from those two users, but the box represents only content posted by **@CNN** or **@BBC** with either **#football** or **#Olympics** (or both) tags.

Boxes availability

Box Type	Registered User Operations				Non-Registered User Operations			
	view	update	delete	create	view	update	delete	create
my box	+	+	+	+	-	-	-	-
not mine, Public box	+	-	-	-	+	-	-	-
not mine, Private box, not following author	-	-	-	-	-	-	-	-
not mine, Private box, following author	+	-	-	-	-	-	-	-
featured box	+	-	-	-	+	-	-	-

(1) - User cannot see Private posts except the case when viewer is following the author of the Private post.

a. User boxes

User boxes - any user can create box to filter content. User may share the box, user can edit his own boxes (but no one else does).

Box includes:

- Name
- Users to filter
- hashtags to filter
- privacy level

b. Yamba boxes

Yamba boxes are created in CMS and edited by Yamba editors. It is a kind of "Editor's choices".

Yamba boxes are not commercials.

Box includes in Yamba:

- Name

Box includes in CMS:

- Name
- Assignee (Multiple Content Providers who works with the Yamba-Box)

Add display description for: "Editors choice" label

c. Commercial boxes

Commercial boxes are created for Yamba clients & edited by Content providers. (e.g. FC Barcelona payed for Official Profile in Yamba).

Box options in Yamba:

- Name

Box options in CMS:

- Name
- Assignee (Responsible Content Provider)

Add display description for "Official page of {Company name}" label

Commercial boxes are displayed in "Featured" static block, displayed at the page top.

3. Main feed

Main feed represents posts' tiles with content previews.

Main feed posts are the posts that are:

1. public
2. from one of users you follow
3. with at least one of hashtags you follow

Tiles represents:

- Content preview
- Hashtags
- Part of description
- Author
- number of likes
- number of views
- content type (small icon in the bottom right corner of tile)

All posts are filtered by publishing date: from newest to oldest.

4. Featured feed

Featured feed is the same as the Main feed but here only special posts are available.

Posts to Featured field come from:

- CMS (separate project, to be described in separate articles): external system to push commercial content into Yamba
- Special users - "partners". Whatever partner post or likes it appears in featured feed.

All posts are filtered by publishing date: from newest to oldest.

5. Trending

Trending is a predefined filter for user to get fresh and popular content.

Trending represents the most viewed (public posts sorted in descending order of views count) posts for

- today
- this week
- this month

Content filtered by publishing time can be filtered by **Interest (TBD)**.

6. Search

Search is available per all content types in system:

1. posts (by post summary)
2. hashtags
3. users
4. boxes

Search results appears divided on tabs per content types. The **All tab** represents all search results.

7. Post details

Each post can be opened from feed by click.

Features available on particular post screen:

- Content
  - Image

- Playable video
- URL preview
- Text (TBD)
- Author - clickable link, redirects to the author's profile page
- Like button and counter - like/unlike features and representation of likes number
- Views counter - number of views of the post
- Comments - thread of comments different users.

Comments

There is no limit for comments number.

There is a limit for comment size - 512s symbols.

Links put into a comment displayed as a plain text.

Post can be shared by direct link - from browser address line.

Only logged users can comment the post.

Post availability

Post	Registered User Operations				Non-Registered User Operations			
	view	update	delete	create	view	update	delete	create
my post	+	+	+	+	-	-	-	-
not mine, Public post	+	-	-	-	+	-	-	-
not mine, Private post, not following author	-	-	-	-	-	-	-	-
not mine, Private post, following author	+	-	-	-	-	-	-	-
featured/commercial post	+	-	-	-	+	-	-	-

Note, User cannot see Private posts except the cases when the viewer is following the author.

8. Create new post

Only registered users can post content into the system.

Basic workflow:

1. Click Post
2. Select content type
3. Provide content
4. Overview
5. Add description
6. Add hashtags
7. Select post privacy level
8. Post

Content types:

- Images
    - JPG + PNG + GIF
- Video
    - MP4 + MOV
- URL
- Text
    - limitations TBD

Overview

User can see content preview - image or video. Video can be played.

Hashtags

Hashtags are to indicated on fly and rounded in colored "brick" when Enter key is pressed. Only 3 any tags allowed.

Privacy level

Privacy level defines who can see the post:

- Public -any registered or not user
- Private - only author and followers. Post should not be available for non-followers

When content posted main feed is opened and new post is available in feed.

9. Edit post

The existing post can be edited only by its owner.

Basic workflow:

1. Click ... in the right upper corner of the post
2. Click Edit
3. Following content can be edited:
    a. Media
    b. Title
    c. Description
    d. Hashtags
    e. Post privacy level

Content types:

- Images
    - JPG + PNG + GIF
- Video
    - MP4 + MOV
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Overview

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Hashtags

Hashtags are indicated on the fly and rounded in colored "bricks" when Enter key is pressed. Only 3 tags are allowed.

Privacy level

Privacy level defines who can see the post:

- Public - any registered or not user
- Private - only author and followers. Post should not be available for non-followers

When the changes are submitted, main feed is opened and the post is available in feed.

10. Notifications

There are notifications about internal events available on the separated screen. If new notifications are available, their number is displayed in front of "Notifications" menu item.

Screen represents two tabs:

1. Requests - requests to follow for not public profiles. User can **Accept** or **Reject** the request.
2. Notifications:

   - When people comment on my post.
   - New contents in collection I follow.
   - When someone follows me.
   - Accepts my request to follow them.
   - When someone requests to follow me.
   - When someone liked I posts.
   - Comments on posts I like
   - When I am tagged. - mentioned in comments for some post (like @thegreat ...)
   - When video fail to upload.

There are an ability to navigate directly to a comment from a notification about the comment.

11. Profile

Profile screen represents:

- User picture
- background image form the last post
- User name
- User ID (starts with @)
- Posts counter
- Followers counter
  - clickable for your own profile overview
  - navigates to the list of your followers
- Following counter
  - clickable for your own profile overview
  - navigates to the list of users who following
- Hashtags counter
  - clickable for your own profile overview
  - navigates to the list of hashtags you follow
- Posts of the user

There is a functional buttons on the profile screen:

1. Follow the user
2. Add the user to a box

Profile availability

Profile	Registered User Operations				Non-Registered User Operations			
	view	update	delete	create	view	update	delete	create
my profile	+	+	+	+	-	-	-	-
not mine, Public profile	+	-	-	-	+	-	-	-
not mine, Private profile, not following author	?	-	-	-	?	-	-	-
not mine, Private profile, following author	+	-	-	-	?	-	-	-
featured/commercial profile	+	-	-	-	+	-	-	-

(1) - User cannot overview Private profiles except the case when the viewer is following the private profile owner.

12. Settings

General Settings

- Your Email (can be edited).
- Username (can be edited).
- Full name (can be edited).
- Password (can be edited by entering the old password + 2x new password).

Profile Settings
- Profile Description (plain text, can be edited).
- Profile Image (can be edited).

Profile Privacy
- Only My Followers
- All Registered Members
- Everyone

Notification Settings

In App Notifications
- When people comment on my post.
- When someone followed my favo.
- New contents in collection I follow.
- When someone follows me.
- Accepts my request to follow them.
- When someone requests to follow me.
- When someone liked I posts.
- Comments on posts I like
- When I am tagged.
- When video fail to upload.

Email Notifications
- When people comment on my post.
- When someone followed my favo.
- New contents in collection I follow.
- When someone follows me.
- Accepts my request to follow them.
- When someone requests to follow me.
- When someone liked I posts.
- Comments on posts I like
- When I am tagged.
- When video fail to upload.

Delete Account

Any content you've uploaded in the past will be permanently deleted. You will be immediately signed out and will no longer be able to sign in with this account.

13. Contact us

Clicking on "Contact us" menu item opens the "mailto:" link.