

CS 463 Fall 2021

Instructions Document: Bicycle Kollektive

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November 29, 2021

Welcome to the Bike Collective App! Once you have downloaded the app, the following instructions explain how to use and get the best experience from the app:

Login

Existing User

Congratulations! Thanks for being a member. If you are already signed in (from a previous session), then the app will open to the main page. This is your control center. From the Main Screen, as shown in Fig 1, you can click on the corresponding link to access various features: donate a bike; check for available bikes in the area; toggle to “Night” mode; or simply log out.

If you are not logged in, then you will need to sign in to access the main page, as shown in Fig 2. Since you have a ridership, you will first enter the email address that was used to create your account. You will then click Next to enter the corresponding password. With correct credentials entered, you will be launched to the main screen (Fig 1).



Fig 1. Main Screen

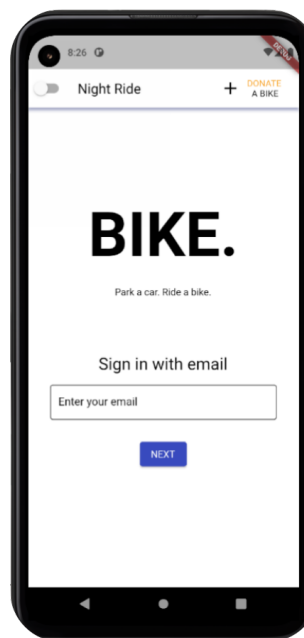


Fig 2. Sign In page

New User

New users will land on the Sign In page (Fig 2) above. Enter the email address that you want to use for the account and click Next. This will initiate the Sign Up process.

Sign Up Process For New User

New to the Collective? If so, then you will need to create an account. After entering the email for this account (Fig 2), you will be directed to the Sign Up page where you can enter the remaining required information (Name and password) to create a new account. On this page you will need to agree to the terms of the waiver before proceeding, which can be reviewed in detail by clicking on the “Ride Waiver” link, as shown in the following figures:



Fig 3. Sign Up

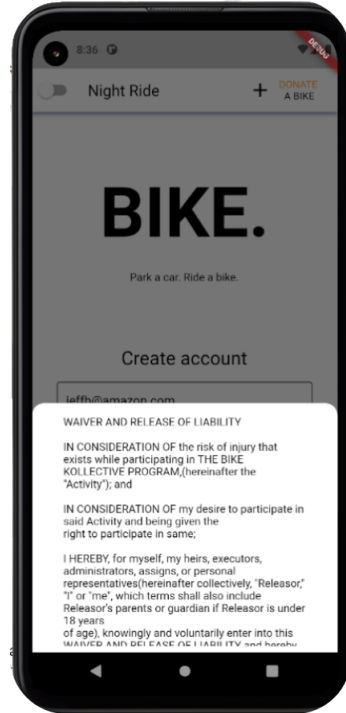


Fig 4. Rider Liability Waiver

Donate A Bike

Have a bike that you want to donate? You can add it to the Kollektive, as a member or a non-member, by clicking on the Donate A Bike link (top right hand corner of app) and completing the following steps:

1. Fill-out the Release of Interest form (Fig 5), as required
2. Take a photo of the bike (using the camera icon) at the location of lock-up, as shown in Fig 5.
3. Agree to the terms and conditions of the release
4. Submit the form. Note: The app will automatically record the coordinates of the location
5. The bike is now registered at the location.
6. Lock-up the bike
7. The bike is now available at the location for future check-out



Fig 5. Take a photo of the bike

Ride A Bike

Want to take a ride? On the main screen (Fig 1), once signed in, click the Nearby Bikes icon to see a list of available bikes in the area. Each bike in the list shows location information and bike rating to help with selection. Determine which one you want to check-out and go to the listed bike location. Once at the location, the app will verify that you are there (via gps magic) and you can proceed with check-out:

1. Click on the bike that you want to ride to proceed to the check-out screen:

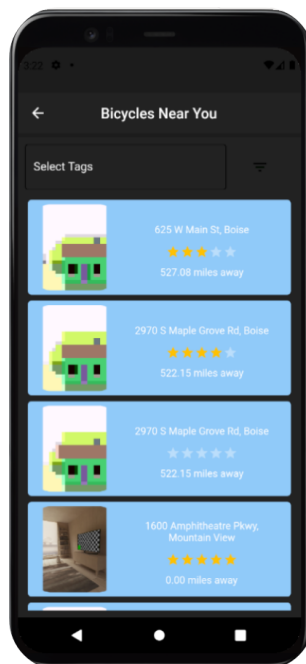


Fig 6. Select Bike from list

2. On the checkout screen (Fig 10), you can either open up the map screen, report the bicycle as missing and/or checkout a bicycle:
 - a. Map Screen - Clicking on the “Map” button will take you to the Map screen (Fig 12). The user location and bike location are also marked with a marker. If the location is changed, the map and marker will update to the new current position.
 - b. Report Missing - If you happen to choose the bike prior to location arrival and the bike is missing, then note that in the app and choose the next option from the list. The “Report Missing” icon to see an alert dialogue that asks the user to confirm if the bicycle is not there.
 - c. Checkout Bike - Click the “Checkout” button to see the bike combination. The bike is now actively checked-out under your account, and the “Active Ride Screen” will then display. This is where the bike will need to be checked-in after completion of the ride.
3. Enjoy the ride!

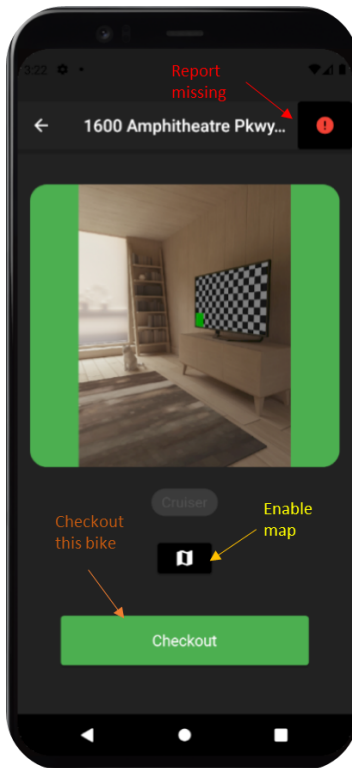


Fig 10. Checkout Screen

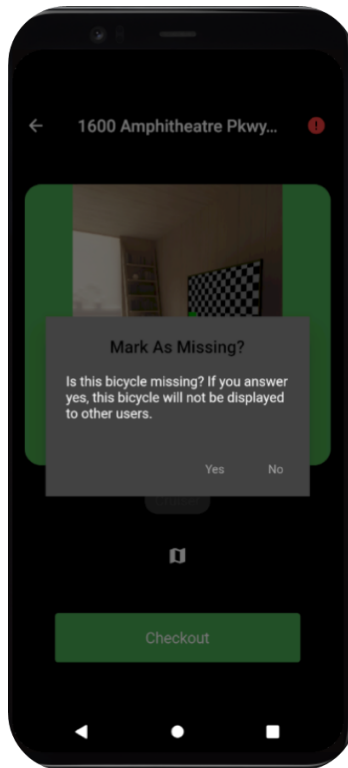


Fig 11. Report Missing

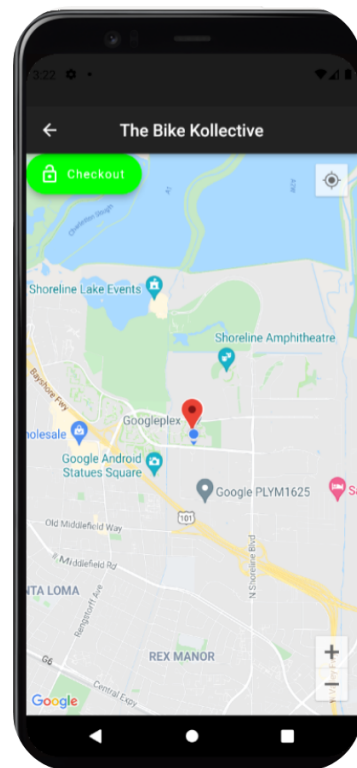


Fig 12. Map Screen

Return A Bike

It's time to end-the-ride. Park the bike at a location, somewhere safe that makes sense, and lock it using the given combination. Open the app to the "Active Ride" screen and select the red "Stop Ride" button. This will actively check-in the bike at the "locked" location, as shown in the following figure:

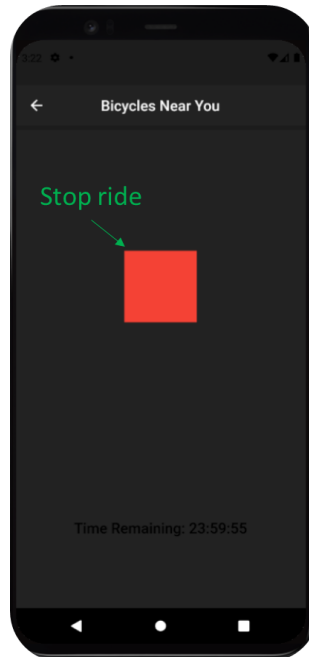


Fig 13. Check-in Bike

After check-in, please rate the ride (1-5 stars) to help us keep track of the real junkers.

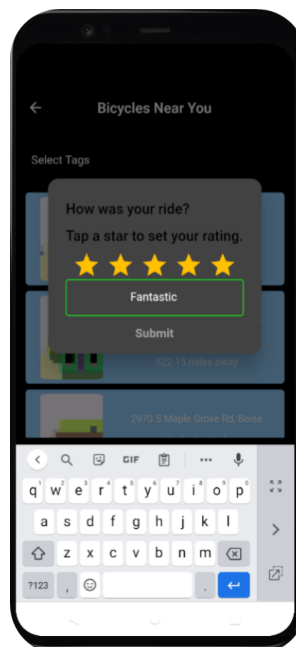


Fig 14. Rate Bike

Dark Mode

Want a different App view? Enter the “Darkside” by enabling Night Ride Mode:

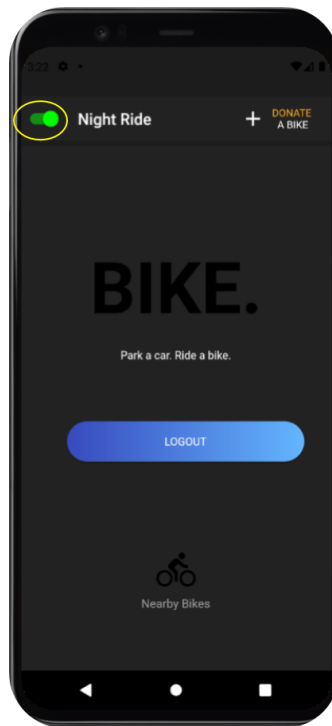


Fig 15. Dark Mode Feature

Logout

We hate to see you leave, but if you have to, then this is the place. Clicking Logout, on the main page, allows an existing user to completely sign out of the app.