

## SCREEN 1 First time setup screen

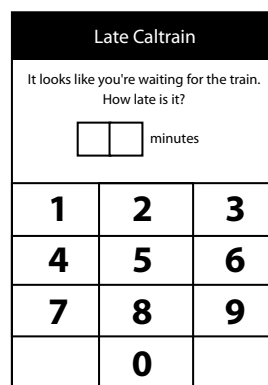
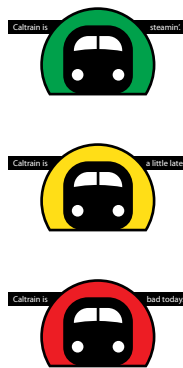
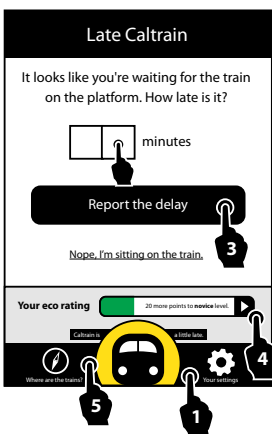
This screen will appear the first time you run the app. The user will input their daily commute so the GPS on the smartphone knows when to activate/turn off to conserve battery. Tapping the plus sign on the right side of the commute input field will create a new, blank input field, in case the commuter rides more than a few times in a day. If excessive fields are created, the extra ones will be deleted after the settings are saved & this screen is revisited.

Tapping in a blank field will bring up a input type menu. Selecting days of the week acts like a checkbox (you can choose multiple days of the week); tapping anywhere within the dotted area will bring focus to the first empty field & a 10-key input will appear. Inputting a number will force focus to the next field. When focus is on AM/PM, the selection will be listed in a scroll wheel (or dropdown if the for non-iOS devices). This window will close when the 'Save this commute time' button is tapped.

Users can optionally choose to create a username so that other users can associate a user's level with their username. Tapping on either the 'connect with Facebook/Twitter' buttons will bring up the respective API authorization page. If users don't have a Facebook or Twitter account, they can simply create a username. Tapping on the username field will bring up the keyboard. After typing in the username & hitting Enter, if the username is taken, a pop-up message will appear:

*"Oops, this name is taken! Try another one?"*

If the field is empty when the user saves their settings, it is assumed they don't need a username.

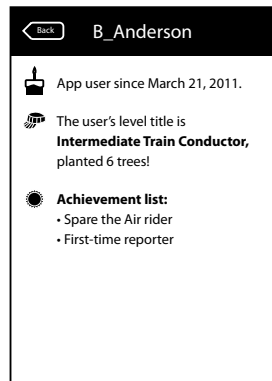
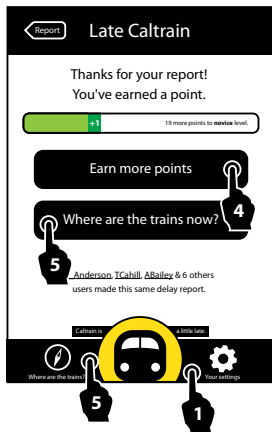


## SCREEN 2 The main screen

On app open, this is the screen the user will see. At a glance, they can see the health of the Caltrain system with a color code. The Caltrain system map & the user settings screen (screen 1) buttons are found at the bottom of the screen.

Tapping in the two empty digit fields will bring focus to the left field, whether the field is empty or not, & will bring up the 10-key input. If the delay is only 4 minutes, for example, the user will input '0' '4', then the 10-key input will hide.

GPS will automatically detect if the user is on the train or waiting on the platform. If the user activates the app, & the GPS determines that the user is not within half a mile of the nearest Caltrain station, it will determine that they are on the train. Likewise, if the user is near the station, the app will display this screen. If the GPS is incorrect, the user can manually determine user is on the train or on the platform with the text link underneath the 'Report the delay' button.



### SCREEN 3 Report confirmation screen

After submission, the user is rewarded an eco point. The green gauge will animate to show the increase, and a '+1' text graphic will appear & fade away. Users have an opportunity to earn more points in addition to submitting a delay report. For example:

- making their first submission
- adding a commute time in their settings screen
- being the first to submit a delay (but only after having five other users submit the same time delay)
- being one of 30 users who submit a delay
- using the app on Earth Day or Spare the Air days

Furthermore, the user can opt to buy more eco points in bulk through the CarbonFund.org program. For every credit they purchase equates to one eco point.

Levels become progressively harder to attain at higher levels; leveling up is easy at first use of the app. Hopefully, this will aid in the gaming aspect & users will revisit this app.

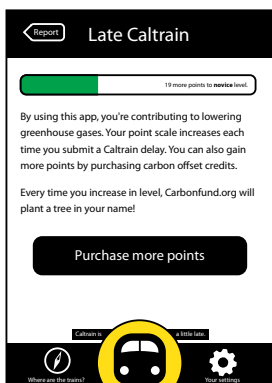
Users can also see who else made a similar submission in the text below the two buttons. Each username is a link that when tapped, a simple profile screen appears.

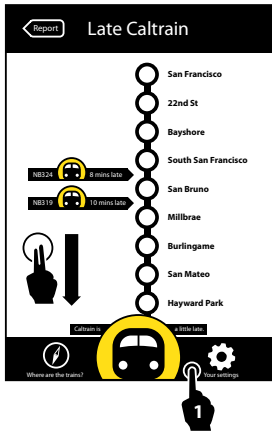
Also, a 'Report' button appears in the top left of the screen. Tapping on it brings the user back to the home/report delay screen (screen 2). If a user submits the same or nearly similar delay report, a pop-up message will appear:

*"Sorry, you've already made this delay report. Don't worry, it's logged safely in our system."*

### SCREEN 4 Purchasing eco points

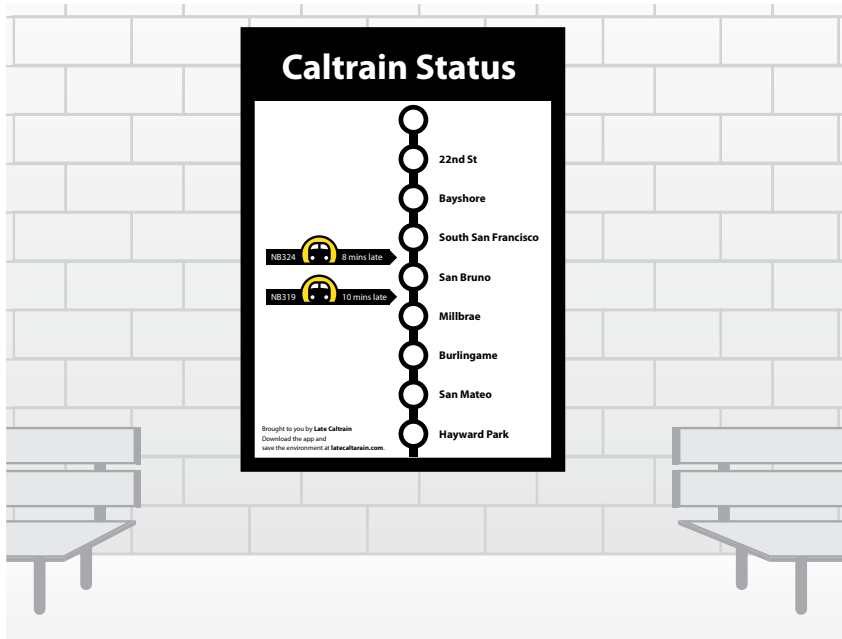
The reward system for this app is that the more you use the app, the app will reward the user with eco points. With enough eco points, the user can level up. At each level, a tree will be planted in the user's name. For those who wish to level up at a more rapid pace, they can buy their way through the leveling system through a partnership with CarbonFund.org. The more credits the user purchases, the more eco points they can attain.





## SCREEN 5 Train delay system map

Users can get a graphical representation of the system map to get an idea of the delays on the system during a specific time. Delayed trains are marked by train number, as well as the delayed time sourced by the app users' submissions. This screen is scrollable, so the user just needs to swipe the screen to view the rest of the map.



## SCREEN 6 Large map display at stations

Caltrain riders without smartphones or those who don't use the app will also benefit. The data displayed in screen 5 will also be displayed in a large digital display at a Caltrain station (behind thick tamper-resistant material so as to prevent from the elements & vandalism). The screen can also prompt uninformed users to install the app so they can have this information conveniently on their smartphones.