

Bay Area Football League

Topic: BAFL App

Date: February 22, 2023

From: Bay Area Buccaneers, Adam Jordan

**Summary:** In the November meeting, I explained the proposal for a BAFL mobile app. This app has now been built, which includes more functionality than originally described. I would like to get support to publish this initial version on behalf of BAFL and set aside a role at Cheer & Drill Competition to run the real-time scheduling functions.

**Context:** The BAFL App layout overview is provided on the next page for details of how the app looks and functions. You can also test the app yourself (if you haven’t already).

The server side of this application runs on Azure. All parts of the application can run without Internet with the exception of the real-time pages (e.g., Cheer Comp). Schedules, teams, etc. can be updated from the server without updating the app, and local copies are cached in your app. This means that data in the app can be updated (e.g., board, teams, websites, etc.) without updating the app itself.

The server side of the application will be managed by Adam and is designed to be zero (or extremely low) cost. Details of the architecture are available on [GitHub](https://github.com/xylamic/bafl-app), with the app source code.

For the real-time events (e.g., Cheer Comp), a role needs to be set aside to keep this data in the app up to date. Ideally located by whomever is managing the schedule at these events to verify all stay synced up.

**Possible enhancements:**

* Extend real-time functionality to Drill Competition & Super Bowl
* Enable in-app scores & standings (rather than navigate to the website)
* Enable direct purchase through CashApp for food tickets (+ redirect to Square for wristbands?)
* Visibility of sponsors in-app
* Requests for enhancements can be viewed/added directly here: https://github.com/xylamic/bafl-app/issues

**Action:** Would like to request support to:

* Publish this app on behalf of BAFL (creating a BAFL account in App Stores optional, not recommended)
* Create a role at real-time events for “App Admin”

**What is required to make/release it:** Need teams to verify:

* Websites in the app are accurate