

2022 Live Build Challenge Information Packet.

Questions? Contact april.schuppel@appian.com.

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Challenge Introduction

Welcome to Appian's first Live Build Challenge in Europe! Four accomplished Appian developers are competing head-to-head at Appian Europe, showing off app building speed and skill, to try and claim the 2,500GBP cash prize. More than just flexing your skills in SAIL, you are building excitement for the upcoming FIFA World Cup.

While the Appian World Live Build Challenge is one hour long, this challenge is limited to just 30 minutes. The challenge has two parts to keep you building until the buzzer.

1. Build and meet **all target user story** acceptance criteria
2. Prioritize carefully and build **select stretch user stories** for extra credit

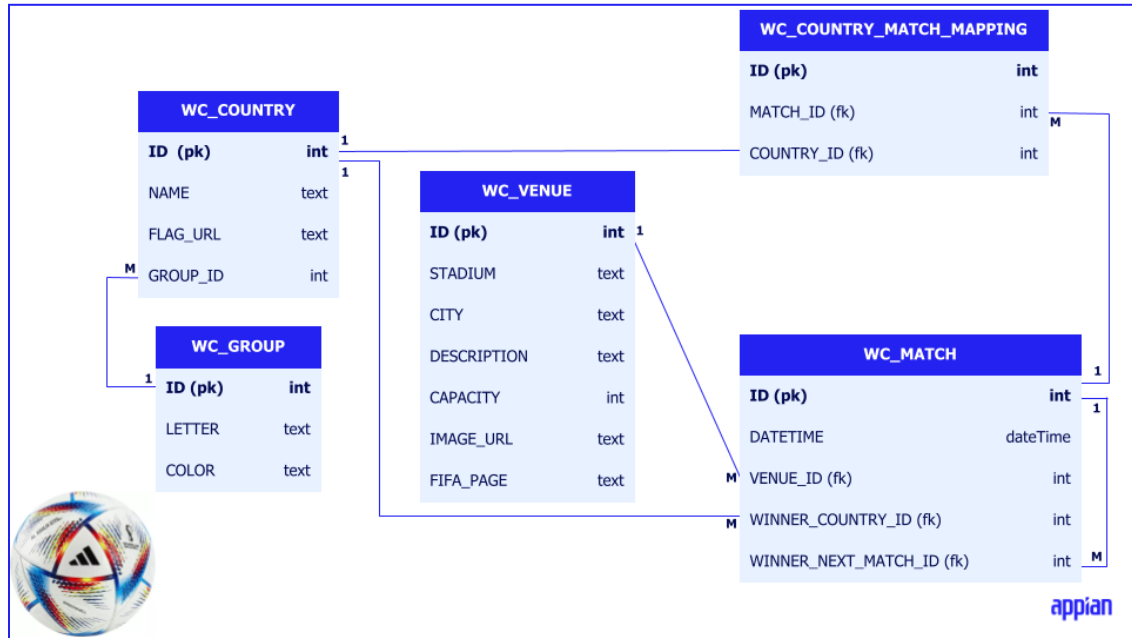
Use Case Description

The FIFA World Cup is beginning just a few days after Appian Europe. The *goal* of this challenge is to build a portal where anyone can see details about upcoming matches as well as vote on who they think will win.

What's Provided

Data

The following tables are available to use and populated with data as of the start of the World Cup. AE22_LBC.sql can be used to add data to new environments.



UI Assets

Within the Live Build Challenge sites there is an application called UI Assets that contains a constant with a color palette aligned with the World Cup branding as well as images that may be used to bring your portal to life.

Color Palette

- Purple #4a0b61
- Teal #4cc0b2
- Red #ee144f
- Yellow #fcb813
- Maroon #8e1736
- Green #05a54d
- Blue #1c65b1
- Pink #f180b1

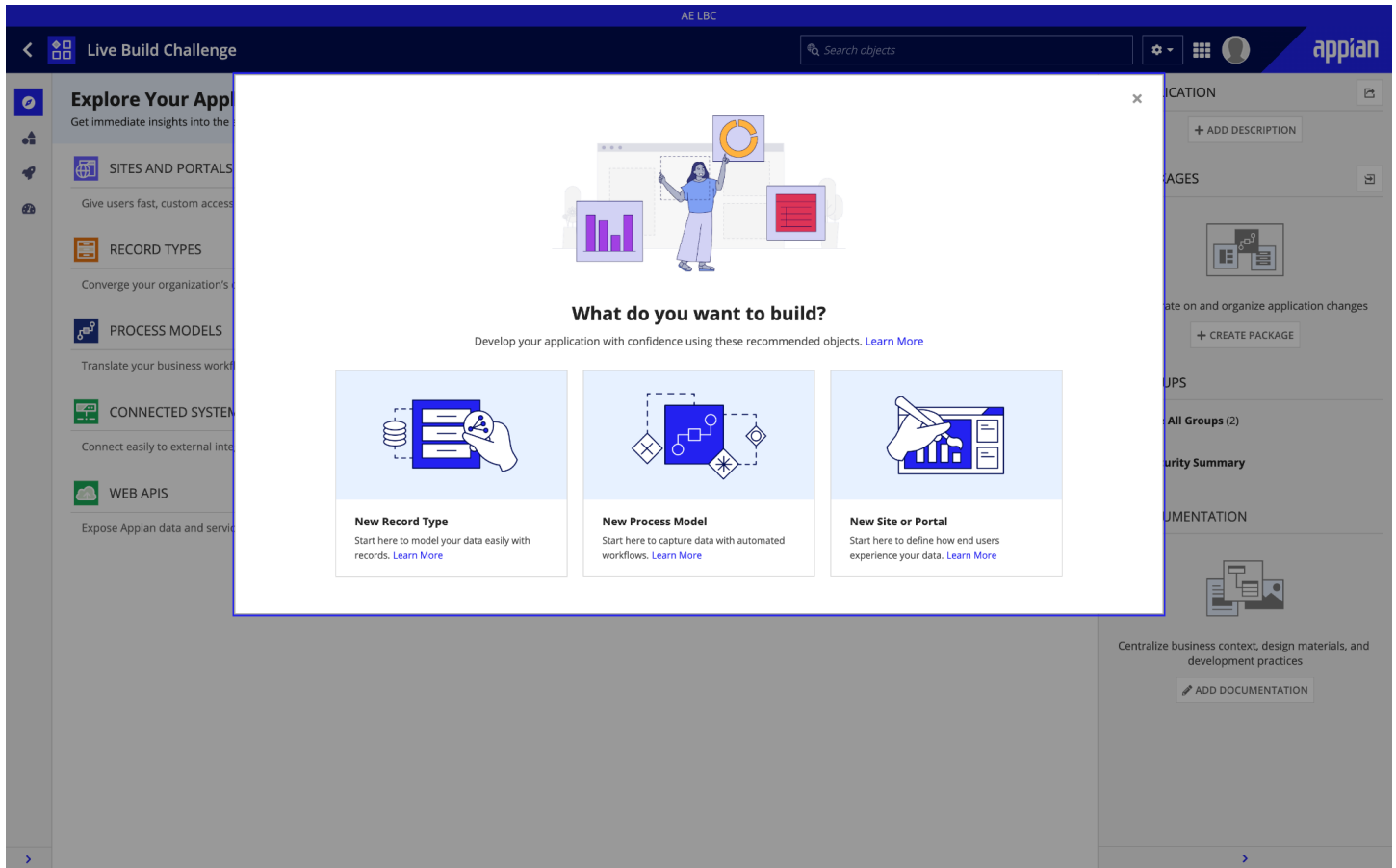
What You Can Start With

Service Account & API Key

You may create a service account and save an API key to a notepad on your computer.

Application with Auto-generated Groups and Folders

Before you start the timer, begin on the following screen.



Target User Stories

The following user stories make up the Minimum Viable Product. These user stories should be accessible **via a Portal** to any unauthenticated user. **All Target User Stories must be complete to win.**

View Schedule of Matches

As a user, I want to be able to see when all the matches are taking place

I should be able to:

- See the date and time of each **Match**
- See which 2 **Countries** are competing in each **Match**
- Expect that for **Matches** whose competing **Countries** are not yet determined (Round of 16, Quarter-Finals, etc.), no **Countries** will be shown for that **Match**

Vote on Who Will Win

As a user, I want to be able to select who I think will win.

I should be able to:

- *Select* the country that I think will win (i.e. I don't want to type out the country name)
- Input my name
- Submit my vote, which will save my name and selections to a database table (*Note: CDTs may not be used*)

View the Schedule and Select My Picks from the Same Portal

As a user, I want to be able to view the schedule and select my picks from the same portal.

I should be able to:

- Go to a web address to view the schedule and select my picks without needing to log in

Stretch User Stories

The following user stories make up the stretch goals. Once you finish your MVP user stories, take on whatever stretch user stories you think you can complete to earn the extra credit points.

View Country Flags for a Match (1 point)

As a user, I want to see a country's flag next to its name.

I should be able to:

- See the flag of a country next to its name in the match schedule

View Stadium Name for a Match (1 point)

As a user, I want to see where the match is being played.

I should be able to:

- View the stadium name for each match in the match schedule

View Group for a Match (3 points)

As a user, I want to see which group a match belongs to.

I should be able to:

- View the group for matches within the Group Stage (matches with ids 1-48) next to the match within the match schedule

View Groups (3 points)

As a user, I want to see countries by group.

I should be able to:

- See visual groupings of each group and its countries
- See the flag of a country next to its name
- See the group color

Filter Matches by Venue (3 points)

As a user, I want to filter matches by venue.

I should be able to:

- Select the stadium(s) to filter the matches list by

Filter Matches by Country (3 points)

As a user, I want to filter matches by country.

I should be able to:

- Select the country(ies) to filter the matches list by

View Stadiums (5 points)

As a user, I want to view the stadiums where matches are being played.

I should be able to:

- See the following for each stadium:
 - An image of the stadium
 - The stadium name
 - The city where the stadium is located
 - The capacity of the stadium

View Favorite to Win (10 points)

As a user, I want to see the odds of each team winning.

I should be able to:

- See the odds of each team winning based on votes
- Expect the odds to be calculated by dividing the probability that an event will occur by the probability that an event will not occur. For example, if out of 10 votes there are 6 votes for X country the odds would be $.6/.4 = 3/2$ (i.e. 3 to 2)
- See the updated odds after submitting my vote

Judging Rubric

Your score in the competition will be determined by the following factors.

Target User Story Completion

Completing the target goals is required before moving on to any stretch goals. This will make up the Minimum Viable Product (MVP) for your application. **YOU MUST PUBLISH YOUR PORTAL BEFORE THE TIME RUNS OUT** (you don't need to wait for the Portal to finish publishing though).

Meeting every acceptance criteria is the baseline to start at 0 points. Extra credit will add points.

Stretch User Story Completion (+X points)

Don't stop once you complete the target goals, you have until the 30 minute timer is up to build as many additional features as you can to earn extra credit points. These will build on your MVP to make the app even better! It isn't possible to fully complete all of the stretch goals, so points are awarded based on the value of the ones you complete.

Best UI/UX (5 points)

We will be sharing your portals with some internal Appian experts to vote on the best UI. This will only be awarded to one person.

Application Health (-1 × ? points)

Every release, Appian continues to make it easier to make sure your app is clean and performant. We'll look into your health dashboard and knock off a point for every security warning, unreferenced object, or design guidance.