# PA3 - Acceptance Tests and Criteria

## Contributors

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## Task Matrix

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| Task | Contributor(s) |
| Acceptance criteria definition | Ali Osman Çıtak |
| Acceptance test design | Berkhan Öztürk |
| Test scenario implementation | Berkhan Öztürk |
| Test execution and validation | Elif Naz Özgür |
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## 1. Acceptance Criteria

- The application shall successfully fetch player data from the Premier League API.  
- The user shall be able to filter players by position, age range, and name.  
- The user shall be able to visually select and place players into valid formations.  
- The GUI shall respond interactively and reflect changes in selection.  
- The application shall run without crashing or freezing during usage.  
- Test cases shall verify both backend logic and UI functionality.  
- The application shall display a rotating football icon and changing status messages when loading data.

## 2. Acceptance Test Scenarios

1. \*\*Player Data Fetch Test\*\*  
 - Action: Launch application with internet connection.  
 - Expected Result: Player list appears in UI with photos, names, positions.  
  
2. \*\*Filter by Position Test\*\*  
 - Action: Select a position like 'Midfielder'.  
 - Expected Result: Only midfielders shown in the list.  
  
3. \*\*Filter by Name Test\*\*  
 - Action: Type 'Haaland' in search bar.  
 - Expected Result: Only players matching the keyword are shown.  
  
4. \*\*Formation Assignment Test\*\*  
 - Action: Drag or click players to assign into 4-4-2 formation slots.  
 - Expected Result: Players placed in correct formation.  
  
5. \*\*Loading Screen UI Test\*\*  
 - Action: Start application with loading.  
 - Expected Result: A rotating football icon appears, and loading text cycles through 3 messages every 4 seconds.  
  
6. \*\*Test Reports Check\*\*  
 - Action: Run mvn test  
 - Expected Result: All test reports are generated in target/surefire-reports/