# To TopTal screeners:

## Bugs fixed + other improvements:

1. No more negative numbers in ages, prices, players values and market values.
2. In query string for Transfers a negative number will cause an error.
3. Sanitize query string.
4. User can only edit his players’ first name, last name and country. User cannot change his players’ age or value. Admin user can edit all.
5. User can only edit his team’s name and country. User cannot change his team’s value or budget. Admin user can edit all.
6. Prevent user to buy his own player.
7. Get rid of TeamID in Market Buy action.
8. Restrict Patch and Delete (except for Transfer Delete) actions to Admin access only.
9. Improve performance in Fantasy Base Controller.
10. Unify error messages.

## Next to fix or improve:

1. Add test project.
2. Create an additional logic layer, for Market Buy action, to make sure 1 single transaction as opposed to multiple SaveChanges calls (as in current solution).
3. Add Concurrency model for thread safety. Implement Optimistic Locking mechanism.