**Booking Software Specifications**

1. On launch there needs to be a login screen with username and password. Two user types are supported Booker and Administrator.

Booker only able to make/change/delete reservations. Administrator on the other hand is able to block courts, and can also have access to courts reserved for seeded players which bookers will not even see. Administrator can keep courts from being booked and release them making them available for booking. It should be configuration option if bookers can or cannot see bookings for the seeded players. Search functionality though, should find the schedulings. Administrator can also configure which courts are used for 30 minute match warmups only and which ones are used for a normal 1 Hour practice. Which courts are ATP (Men), WTA (Woman), scheduling which bookings start on full our, half hour or quarter hour. Finally which courts are to be used for 30min Match Warm-Ups only. Indicate which courts are used for match play, special events and basically unavailable for bookings. There should be ability to release blocked courts by the administrators. Administrators will also assign specific Hitting Partners, their names.

1. Upon login, scheduling grid will load showing all bookings for the current date. And ability to easily switch to the next date. There has to be clear indicator what date the user is on, possibly even a different background to avoid confusion between being on Today Schedule or Tomorrow. Application should support ability to select and view previous dates as well, but without ability to make changes. If not all courts can be shown, there should be easy navigation ability to move across the courts.

1. There must be ability to search bookings easily displaying where a specific player is booked. The results should show both bookings for the current date and next date making the distinction clear.
2. When clicking on the available booking spot, there must be an easy way to search all registered players. When player is found attributes must be shown: Picture, Name, Country, Rank, Tournament Seeding, Handiness (Right or Left), Tournament status (Singles-In or Out, Doubles-In or Out, Qualifying-In or Out) and bookings already made and scheduled match times. If player is booked for the second time color indicator should flag that player. Typically two players are assigned to court, but there will be cases where four players will be assigned to court. For made booking there should be indicator balls given for each player in the schedule. Also each player booked should have two fields for the booker to leave a comments. One field is comments for the entire tournament and the other for current booking only. Two types of bookings are typical: **Practice** which is full hour and **Match Warmup** which is 30 minutes only. Besides entering players there should be an option to put Looking (Looking for another player), request a Hitting Partner, book a Coach or request a Coach. Standard booking is 1-Hour, but a booker should extend it longer (1.5hours, 2hours, etc).
3. Name of the courts Stadium, Grandstand, Court 1, etc… Should be configurable, maybe via a database or configuration page. Special courts should be assigned for a seeded players only, admin users will see the only, but all users can search and view the bookings.
4. Bookings should be draggable across schedule.
5. Changes, all edits made to the bookings should be logged silently. Which user made it, what was before and what was after the change.



