A web application for finding Babysitters and book them for a time slot.

# Babysitters

1. Registration: Babysitters will register on the website. Registration form will have the following fields.
   1. Name
   2. Mobile number
   3. Email
   4. Password (view/hide – that is the eye icon that is common in many websites now)
   5. Available days
   6. Time slot available
   7. Experience in years
   8. Photo
   9. Hourly rate
   10. Address
2. Login: will have the following fields.
   1. Email
   2. Password
3. Forgot Password: user will put the email id. If the email id exists then an auto generated password will be sent to that email.
   1. Email
4. Profile: babysitters will be able to manage their profile details from here. In short – they should be able to change all information that they put in registration field except their email. Email we will not allow to change as email is primary key here.   
   Additionally there will be a “Status” to show if the profile has been approved by the admin or not.
5. Bookings List: list of all past, present and future bookings. It will be in tabular format. The table columns will be:
   1. Booking Name – clicking on the name will show the details
   2. Booking Date (date on which booking was done)
   3. Job date and time (the date on which the work to be done)
   4. Status – Completed, Pending, Ongoing, Upcoming. *Pending is when the date of job is in past and the job is not done yet.*
6. Booking Calendar: a calendar with colour coded dates.
   1. Green colour to indicate all jobs of this date had been completed.
   2. Red date if one or more jobs are pending.
   3. Blue for upcoming
   4. Yellow for ongoing

Clicking on a date will open a popup with the Job names and dates. Clicking on a name will take to the job details.

1. Booking Details: This will show the following in a page
   1. Name of the job
   2. Booking Date
   3. Job date and time
   4. Customer’s name + Profile photo + Star rating
   5. Customer’s phone
   6. Customer’s address
   7. Status – checkbox or slide switch to mark the job as completed.
   8. Star Rating – will be activated only after above Status is marked completed.
   9. Messages – put it in a bordered box and will be threaded. Babysitters can see the messages sent by the customer. Can reply. All chats will be stored in DB and shown.

# Customers

1. Registration: Customer will register on the website. Registration form will have the following fields.
   1. Name
   2. Mobile number
   3. Email
   4. Password (view/hide – that is the eye icon that is common in many websites now)
   5. Photo
   6. Address
2. Login: will have the following fields.
   1. Email
   2. Password
3. Forgot Password: user will put the email id. If the email id exists then an auto generated password will be sent to that email.
   1. Email
4. Profile: customers will be able to manage their profile details from here. In short – they should be able to change all information that they put in registration field except their email. Email we will not allow to change as email is primary key here.
5. List of all providers: this will be a list of all babysitters on the site (who had been approved by Admin). The list will have the following details for each provider
   1. Photo
   2. Name – clicking will take to details(username,email,phone\_number,address,available\_days,available\_time\_slot)
   3. Years of experience
   4. Rating

Customer’s should be able to filter the list by the following

1. location (Kolkata, Durgapur, Tamluk etc)
2. Time
3. Days
4. Rates.
5. Provider Details: this will show the following
   1. Name
   2. Mobile number
   3. Email
   4. Available days
   5. Time slot available
   6. Experience in years
   7. Photo
   8. Hourly rate
   9. Location (not the full address – only the location – that is Kolkata, Tamluk, Durgapur etc)
   10. Book button. – clicking this will do the booking. Show the customer whether the booking was successful or not.
6. Bookings List: list of all past, present and future bookings. It will be in tabular format. The table columns will be:
   1. Booking Name – clicking on the name will show the details
   2. Booking Date (date on which booking was done)
   3. Job date and time (the date on which the work to be done)
   4. Status – Completed, Pending, Ongoing, Upcoming. *Pending is when the date of job is in past and the job is not done yet.*
7. Booking Details: This will show the following in a page
   1. Name of the job
   2. Booking Date
   3. Job date and time
   4. Babysitter’s name + Profile photo + Star rating
   5. Babysitter’s phone
   6. Babysitter’s address
   7. Status – checkbox or slide switch to mark the job as completed.
   8. Star Rating – will be activated only after above Status is marked completed.
   9. Messages – put it in a bordered box and will be threaded. Customer’s can see the messages sent by the provider. Can reply. All chats will be stored in DB and shown.

# Admin:

1. Customer Management:
   1. List of all customers
      1. Name
      2. Location
      3. Number of total bookings – clicking this will show the bookings list of the customer
   2. Details: this will be similar to “Customer Profile” section mention above.
2. Babysitter Management:
   1. List of all babysitters
      1. Name
      2. Location
      3. Number of total bookings – clicking this will show the bookings list of the babysitter
   2. Details: this will be similar to “Babysitter Profile” section mention above  
      Additionally in the Details there will be option to “Approve” or “Disapprove” the babysitter.
3. Booking List: List of all bookings
   1. Id – a numerical value – can be the id of the DB. Clicking this will take to the Booking details.
   2. Name of the provider
   3. Name of the customer
   4. Date of booking
   5. Job dateOK
   6. Job status

The list can be searched by Name of Customer or Name of provider.  
The list can be sorted by Date of Booking or by Date of Job

1. Booking details: This will show the following
   1. Id – a numerical value – can be the id of the DB. Clicking this will take to the Booking details.
   2. Name of the provider
   3. Name of the customer
   4. Date of booking
   5. Job date
   6. Job status
   7. Messages.

NOTES:

1. For all forms:
   1. Please implement validations – that is fields cannot be blank.
   2. Please put additional validation for email field wherever applicable – the email id should be in proper format (if needed do a study on how to do validations).
   3. For mobile number also there should additional validation to check if the number is 10 digits
   4. Show appropriate validation error messages.
   5. For the form submit also please show a valid message – “Registration successful” Or “Some error occurred”.
   6. All lists will have pagination.

The frontends will be done in Angular. Find some suitable theme and use instead of coding from scratch.

Backend codes and API will be in Django.