1. Use **LOOPBACK 3** as api server (set up to use /api/ as routes) - Done. by default route to api
2. Rules for backend:
   1. Models represent entities to be saved in database (Mongo)
   2. *ONLY USE PATCH FOR UPDATE. PUT will overwrite all existing data*
   3. Automatic fields for every model - *use BaseModel. Install loopback timestamp mixin and loopback user mixin*
      1. id
      2. name
      3. createdAt, updatedAt
      4. created, updated
3. Models and relationships
   1. Example with Lead, Event and Note
      1. Create lead\_source
      2. Create lead\_status
      3. Create lead\_industry
      4. Create Lead
      5. Create Event
      6. Create Note
      7. Link lead\_source, lead\_status, lead\_industry to Lead - use belongsTo. See leads.json
      8. Link Event, Notes to Lead - Use polymorphic hasMany-belongsTo relation because Events can be used with other objects. See lead.json and event.json
4. Example model and api
   1. With validation
   2. With authentication
   3. With access control
5. Improve react routing and webpack
6. Session and timeout
7. Backend security and routing system