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**IBBR Summer Web Project**

**(Drupal -> Laravel)**

**Task List**

**Models and migrations:**

Create the following models/migrations:

Time: Most should take about 1.5 hours. Exceptions are written next to each one.

* Duties (Job Req)
* Line Items (Purchasing, Outbound?) – 2 hours
* Teacher info (Internship)
* Travel Expense Line Item (TES) - 2 hours
* Travel Individual Expense (TES Part of the Travel Expense Line Item)
* Travel Segment (Travel)
* Travel Request
* Travel Mileage (TES)
* Affiliation (Taxonomy)
* Contacts (Taxonomy)
* Department (Taxonomy)
* Employment (Taxonomy)
* Equipment (Taxonomy)
* Event Types (Taxonomy)
* Parking Codes (Taxonomy)
* Purchase Type (Taxonomy)
* Research Themes (Taxonomy)
* Line item type (Taxonomy)
* Tags (or page type) (Taxonomy)
* Task Status (Taxonomy)
* Travel Expense Items (Taxonomy)
* Personnel - 2 hours
* Account
* Event/Room Reservation
* Files - 2 hours
* Announcements?
* Chemical
* Contacts – Individual
* Contacts – Institution
* Discussion
* Equipment - 2 hours
* Fac PM Schedule
* Fac Tickets
* Groups
* IT Tickets
* Internship
* Job Posting
* Oligo Request
* Outbound Invoice (being redone) - 4 hours
* P-Card Transaction
* Pages
* Parking Code Request - 2 hours
* Peptide Request
* Publication
* Purchase Request
* Seed Grant Proposal
* Service Contract
* Roles - 3 hours
* Permissions - 3 hours
* Dashboard Menu - 5 hours
* Group Menu - 5 hours
* Public Menu? - 5 hours

**Routes and Views**

Create the following Views:

Time: Most should take about 4 hours, tops. Exceptions are written next to each one.

**Side note**: We do hope to utilize the **DataTables widget** for Tables in views and Exporting CSV. This means that each view created, may be slightly repetitive because we’re only manipulating what gets displayed on the table based on the data we’re retrieving.

**Misc.**

1. Public blade template theme thing – 6 hours
2. Front page – 6 hours
3. Dashboard – 6 hours
4. Search view
5. My Forms – Table – 1 day/24 hours (because this will be the first time we create a view with the DataTables widget that we’re hoping to programmatically repeat in future views)
6. PI Approvals (Shipping/PR/Travel, Jobs) – Table or Blade Component
7. Upcoming Events view – 5 hours because calendar?
8. Spotlight view
9. System Logging - (monitoring changes in DB) will be an entire project itself – 3 days/72 hours
10. User Select - JSON

**Personnel**

1. View for the Personnel Form – 5 hours (From here, the rest of the views for the forms are repetitive)
2. Person Preview – JSON
3. Safety Training – Table
4. Personnel Duplicated – JSON
5. Directory by Group – Table
6. Directory by Department – Table
7. Personnel Expiration Reports (HR ONLY) – Table
8. HR Personnel Search – Table
9. Public Directory – Table
10. Intranet Directory – Table
11. IT-E911 Report – Table
12. IBBR Fellows – Table
13. Principal Investigators – Table
14. Public Directory – Table
15. Keygene Access List - Export CSV
16. Purchasing - Personnel Selection – JSON
17. Quota Report – Table
18. IT Support Staff – JSON
19. Facilities Employees - JSON

**Account**

1. View for the Account Form
2. ~~Department Listing – Table~~
3. ~~Priority Reconciliation– Table; (and export – CSV)~~
4. ~~Reports (expiring and restrictions) – Both Tables~~
5. ~~Search – Table; (and export – CSV)~~
6. ~~Update Info – Form/Page~~
7. Account use approval (PR/Travel/Shipping) – Table
8. Account Management – Table (and export – CSV)
9. Select – JSON
10. By Group – JSON

**Event**

1. View for the Event Form
2. ~~Event Export (- CSV) and Search (- Table) and No Contact Person (- Table)~~
3. ~~Event Room Reservations Management – Table~~
4. Event Management – Table (and Export – CSV)

**Announcements**

1. View for the Announcements Form
2. Announcements – List

**Chemical**

1. View for the Chemical Form
2. Search (- Table) and Export (- CSV)

**Contacts Individual**

1. View for the Contacts Individual Form
2. Individual Contact Preview – Blade Component
3. Individual Contacts Usage – Table
4. Individual Contacts Search – Table
5. Contact Search (- Table) and Export (CSV)

**Contacts Institutions**

1. View for the Contacts Institutions Form
2. Combined Contact List – JSON
3. Vendor list – JSON
4. Service providers – JSON

**Department**

1. Department Form
2. Department management – Table
3. Department list – JSON

**Discussion – None**

**Equipment**

1. View for the Equipment Form
2. Equipment Preview – Blade component
3. Equipment Related Items – Blade component
4. Equipment Select – JSON
5. Equipment Review – Table
6. Equipment Search (- Table) and Export (-CSV)
7. Equipment to Sort (-Table) and Export (-CSV)
8. Equipment Importer (Capital and Sensitive probably separate unless UMD changes) – 5 hours

**Facilities PM Schedule**

1. View for the Facilities PM Schedule Form
2. Facilities List PM Schedules – Table
3. Facilities PM Release – Table

**Facilities (and PM) Work Request**

1. Create/edit form
2. Individual Ticket view - Page
3. Facilities PM Printing (- Table) and Export (-CSV)
4. ~~Facilities PM Name Fixer – Table~~
5. Facilities Tickets (-Table) and Export (-CSV)
6. Facilities Quick Assign – Blade component
7. Facilities PM PDF or printable export
8. Signage Facilities Tickets – JSON

**Files**

1. Select File Grid – Blade component
2. File management – Page (unless table works?)

**Group**

1. Create/edit form
2. ~~Group Website Link to Event – Link?~~
3. ~~Return Group from Department – Table/List?~~
4. Group management dashboard – 7 hours
   1. Create/Edit group content
   2. Manage members
   3. Manage group menu
   4. Discussion forum
5. Personnel Group Members –JSON?

**IT Work Request**

1. Create/edit Form
2. IT Support Request – Table
3. ~~Custom – Table~~
4. Signage IT Tickets – JSON
5. Tickets by Customer – JSON

**Internship**

1. Create/edit Form
2. Internship Applications (- Table) and Export (-CSV)

**Job Posting**

1. View for the Job Posting Form
2. ~~Field Collection Converter – Table/List~~
3. Current Job Posting – Blade component
4. Job Postings Management - Table

**Oligo Request**

1. View for the Oligo Request Form
2. Oligo Management – Table

**Outbound Invoice**

1. View for the Outbound Invoice Form
2. Outbound Invoice Managment – Table
3. Outvoice Invoice Customer’s view – Table

**P-Card Transaction**

1. Related P-Card Transactions – Blade component
2. P-Card Transaction Importer - 7 hours

**Page/Story/Private Page/Article**

1. Create/edit form (difficult to design, but should be like Wordpress)
2. Display page
3. News - Blade component
4. Content Management For Site Editors – Table
5. Archive News – List

**Parking Code Request**

1. View for the Parking Code Request Form
2. Parking Code Manage (- Table) and Export (-CSV)
3. Parking Code Next Code (either model or Controller function)
4. Parking Codes Remaining Codes (either model or Controller function)

**Peptide Request**

1. View for the Peptide Request Form
2. Peptide Requests Manage – Table

**Primer**

1. View for the Primer Form
2. Primer Database – Table

**Publication**

1. View for the Publication Form
2. Display page – 5 hours
3. Group Publications – JSON
4. Publications Report (-Table) and Export (-CSV)
5. Publications by Author –Blade component
6. Recent Publications – Blade component
7. All publications for public viewing- Table

**Purchase Request**

1. View for the Purchase Request Form
2. Display page
3. Print friendly page
4. Line Item Preview – Blade component
5. Purchasing by Group – Table
6. Purchasing Data Download (- Table) and Export (-CSV)
7. Purchasing Management (-Table) and Export (-CSV) (maybe can combine 4 and 5?)

**Research Progress Report**

1. Create/edit form
2. Display page
3. List of reports by seed grant – Blade component

**Review**

1. View for the Review Form
2. List of reviews by reviewed item – Blade component

**Room**

1. View for the Room Form
2. Room management (-Table) and Export (-CSV)
3. List of rooms for Event Reservation – JSON
4. List of rooms (personnel, etc)- JSON

**Room Reservation/Event**

1. Create/edit form
2. Display page
3. IBBR Seminar Series (-Table) and Export (-CSV)
4. Seminar management – Table or Calendar – (Could be 6 hours)
5. Upcoming Events for Events page – Table or Calendar
6. Upcoming Events Front page – Blade component
7. Dashboard – calendar? – 6 hours
8. Upcoming Events IT Setup – JSON

**Seed Grant Proposal**

1. Create/edit form
2. Seed Grant Review – Table

**Service Contract**

1. Create/edit form
2. Service Contracts Management– Table

**Shipping Request**

1. Create/edit form
2. Shipper Management – Table
3. Business Office Management – Table

**Student Evaluation**

1. Create/edit form
2. Student\_Evaluation – Page (with one link to form) – 5 hours
3. Management –Table

**Tags**

1. List of tags - JSON
2. Tag manager - Table

**Travel Expense Worksheet**

1. Create/edit form
2. Management - Table

**Travel Request**

1. Create/edit form
2. Travel Manage – Table
3. Travel Select – JSON

**Webform –** 3 days/72 hours

1. Create/edit form
2. View/manage submissions per webform - Table
3. Display page to submit webform – Page

**Controllers**

Time: Most should take about 4 hours, tops. Exceptions are written next to each one.

1. Oligo In-process
2. Oligo completed
3. Account – deactivate
4. Account schedule deactivate
5. Account - deactivate notification
6. Account schedule deactivate notification
7. Travel - Email TES Reminder
8. Check for reserved rooms
9. Check if any rooms in new event require confirmation
10. Peptide In-process
11. Peptide completed
12. Parking Code Request – Deny
13. Parking Code Request – Approve – 5 hours
14. Generate PM tickets from schedule
15. Personnel - set status to active/inactive – 5 hours
16. Personnel - set new username
17. Personnel - subscribe to OG
18. Personnel - create new Drupal user – 5 hours
19. Travel – Approve – 5 hours
20. Sync person and user email
21. Purchase Request – Ordered
22. Purchase Request – Received
23. Update post date
24. Seed Grant - Mark for Review
25. Seed Grant - Mark for Approved
26. Rules link: Approve travel request condition
27. Rules link: Approve travel request rules set
28. Purchasing - Create New Chemical – 5 hours
29. Purchase Request – Approve
30. Purchase Request – Cancel
31. Email Testing Rush Orders
32. PM - Pull schedule to execute
33. Purchasing - Clone Line Item – 5 hours
34. Notify IT of a same day event needing setup
35. Outvoice Payment Received
36. User account with that email does not already exist
37. Set Login Shell
38. Open duplicate purchase request
39. Outvoice Payment Reminder
40. Outvoice - Mark Ready
41. New IT ticket for Youtube live events postprocessing
42. Mark job posting as complete
43. Equipment - Set scan date to now
44. Mark as surplused
45. Unflag Equipment
46. Purchase Request – Hold
47. Convert Account Splits
48. Account Approval
49. Travel Approve Account – Personnel
50. Purchasing Approve Account
51. Shipping Approve Account
52. Shipping PI Approve
53. Mark As Shipped
54. Convert Account Authorized Individuals
55. Travel - Account deny
56. Shipping - Account deny
57. Account Approval - Deny/Cancel
58. Rules link: Add tracking number to shipment rules set
59. Rules link: Add tracking number to shipment condition
60. Unpublish item
61. Rules link: Unpublish Item rules set
62. Rules link: Unpublish Item condition
63. Shipping - PI deny
64. Shipping - Notify Ready to Ship
65. Job – Approval
66. Job - Account Approval
67. Job Posting - Account Deny
68. Travel Approve Account – Contact
69. Shipping Review Approve
70. Create Management Note
71. ~~Swap Fac~~
72. ~~Swap IT~~
73. Student Evaluation Email Reminder

**Roles**

Create the following roles in our system:

Time: These roles are pretty easy to make in Laravel. It’s just finalizing and determining which roles we want that takes time. This whole section should take at most 2 hours.

1. Anon user
2. Authenticated user
3. Account Manager
4. Director’s Office
5. Event Coordinator
6. Facilities and Lab Services Support Staff – Combine these two
7. Facilities and Lab Services Work Manager
8. Group Leader
9. Human Resources
10. Internship Coordinators
11. IT Support Staff
12. Oligo Managers
13. Purchasers
14. Seminar Coordinators
15. Public Site Editor
16. Travel Coordinator
17. Parking Approver
18. IBBR Personnel
19. Sequencing Manager
20. Chemical Inventory Manager
21. Fellows?
22. Seed Grant Administrator
23. RESTFul API User
24. Account Approver
25. Shipping
26. Shipping Reviewer
27. Student Evaluator
28. Administrator
29. NIST API User

**Permissions**

For each Content Type below, assign these specific permissions for those with the designated roles:

Time: Each content type’s permissions should take at most should take about 5 hours, tops. Exceptions are written next to each content type.

1. **Personnel –** 6 hours
   1. Create its field permissions!
   2. Viewing content: anon user, authenticated user
   3. Viewing own content: Admin only
   4. Edit any content: Director’s Office, Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager, HR, IT Support Staff, Site Editor
   5. Edit own content: IBBR Personnel
   6. Delete any content: IT Support Staff
   7. Delete own content: Admin only
   8. Create new content: HR
2. **Account**
   1. Viewing content: IBBR Personnel
   2. Viewing own content: IBBR Personnel
   3. Edit any content: Account/Grant Manager
   4. Delete any content: Admin only
   5. Create new content: Account/Grant Manager
3. **Event** 
   1. Create its field permissions!
   2. None
4. **Announcements**
   1. Viewing content: IBBR Personnel
   2. Viewing own content: IBBR Personnel
   3. Edit any content: Account/Grant Manager
   4. Edit own content: Director’s Office, Facilities and Lab Services Work Manager, Group Leader, HR, IT Support Staff
   5. Delete any content: Admin only
   6. Delete own content: Director’s Office, Facilities and Lab Services Work Manager, Group Leader, HR, IT Support Staff
   7. Create new content: Director’s Office, Facilities and Lab Services Work Manager, Group Leader, HR, IT Support Staff
5. **Chemical**
   1. Viewing content: IBBR Personnel
   2. Viewing own content: IBBR Personnel
   3. Edit any content: IBBR Personnel, Chemical Inventory Manager
   4. Edit own content: Admin only
   5. Delete any content: Chemical Inventory Manager
   6. Delete own content: Admin only
   7. Create new content: IBBR Personnel, NIST API User
6. **Contacts – Individuals**
   1. Viewing content: authenticated user
   2. Viewing own content: authenticated user
   3. Edit any content: Account/Grant Manager, Facilities and Lab Services Work Manager, Purchasing
   4. Edit own content: authenticated user, Facilities and Lab Services Support Staff
   5. Delete any content: Admin only
   6. Delete own content: Admin only
   7. Create new content: Account/Grant Manager, Facilities and Lab Services Support Staff, Lab Services Work Manager, IT Support Staff, Purchasing, Chemical Inventory Manager
7. **Contacts – Institutions**
   1. Viewing content: authenticated user
   2. Viewing own content: authenticated user
   3. Edit any content: Account/Grant Manager, Facilities and Lab Services Work Manager, Purchasing, Chemical Inventory Manager
   4. Edit own content: Facilities and Lab Services Support Staff
   5. Delete any content: Account/Grant Manager, Facilities and Lab Services Work Manager, Chemical Inventory Manager
   6. Delete own content: Admin only
   7. Create new content: Account/Grant Manager, Facilities and Lab Services Support Staff, Lab Services Work Manager, IT Support Staff, Purchasing, Chemical Inventory Manager
8. **Discussion**
   1. Viewing content: anon user, authenticated user
   2. Viewing own content: anon user, authenticated user
   3. Edit any content: Admin only
   4. Edit own content: Admin only
   5. Delete any content: Admin only
   6. Delete own content: Admin only
   7. Create new content: None
9. **Equipment**
   1. Viewing content: IBBR Personnel
   2. Viewing own content: IBBR Personnel
   3. Edit any content: Account/Grant Manager, Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
   4. Edit own content: Admin only
   5. Delete any content: Admin only
   6. Delete own content: Admin only
   7. Create new content: Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
10. **Facilities PM Schedule**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
11. **Facilities (and PM) Work request –** 6 hours
    1. Create its field permissions!
    2. Permissions (PM):
       1. Viewing content: IBBR Personnel
       2. Viewing own content: IBBR Personnel
       3. Edit any content: Facilities and Lab Services Work Manager
       4. Edit own content: Admin only
       5. Delete any content: Admin only
       6. Delete own content: Admin only
       7. Create new content: Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
    3. Permissions:
       1. Viewing content: anon user, authenticated user
       2. Viewing own content: anon user, authenticated user
       3. Edit any content: Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager
       4. Edit own content: Admin only
       5. Delete any content: Admin only
       6. Delete own content: Admin only
       7. Create new content: IBBR Personnel
       8. Create new content: Facilities and Lab Services Work Manager
12. **Group**
    1. Viewing content: authenticated user
    2. Viewing own content: authenticated user
    3. Edit any content: Admin only
    4. Edit own content: IBBR Personnel
    5. Delete any content: Admin only
    6. Delete own content: IBBR Personnel
    7. Create new content: IBBR Personnel
13. **IT Work Request -** 6 hours
    1. Create its field permissions!
    2. Viewing content: authenticated user
    3. Viewing own content: authenticated user
    4. Edit any content: IT Support Staff
    5. Edit own content: IBBR Personnel
    6. Delete any content: Admin only
    7. Delete own content: IT Support Staff
    8. Create new content: IT Support Staff, IBBR Personnel
14. **Internship**
    1. Viewing content: authenticated user
    2. Viewing own content: authenticated user
    3. Edit any content: Admin only
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: IT Support Staff
15. **Job Posting**
    1. Viewing content: IBBR Personnel
    2. Viewing own content: IBBR Personnel
    3. Edit any content: HR, Account Approver
    4. Edit own content: Group Leader
    5. Delete any content: HR
    6. Delete own content: Group Leader
    7. Create new content: Group Leader, HR
16. **Oligo Request**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Oligo Managers
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: IBBR Personnel
17. **Outbound Invoice**
    1. Viewing content: Account/Grant Manager
    2. Viewing own content: Invoicer
    3. Edit any content: Account/Grant Manager
    4. Edit own content: Invoicer
    5. Delete any content: Admin only
    6. Delete own content: Invoicer
    7. Create new content: Invoicer
18. **P-Card Transaction**
    1. Viewing content: Account/Grant Manager, Purchasing, Account Approver
    2. Viewing own content: authenticated user
    3. Edit any content: Admin only
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: None
19. **Page/Story/Private Page/Article**
    1. Permissions(Article):
20. Viewing content: anon user, authenticated user
21. Viewing own content: anon user, authenticated user
22. Edit any content: Event Coordinator, Site Editor
23. Edit own content: Admin only
24. Delete any content: Event Coordinator, Site Editor
25. Delete own content: Admin only
26. Create new content: Event Coordinator, Site Editor
    1. Permissions(Page):
       1. Viewing content: anon user, authenticated user
       2. Viewing own content: Admin only
       3. Edit any content: Event Coordinator, Site Editor
       4. Edit own content: Admin only
       5. Delete any content: Site Editor
       6. Delete own content: Admin only
       7. Create new content: Event Coordinator, Site Editor
    2. Permissions (Private Page):
       1. Viewing content: IBBR Personnel
       2. Viewing own content: IBBR Personnel
       3. Edit any content: IT Support Staff, Purchasing, Site Editor
       4. Edit own content: IT Support Staff,
       5. Delete any content: IT Support Staff, Site Editor
       6. Delete own content: Site Editor
       7. Create new content: Director’s Office, Event Coordinator, Site Editor
    3. Permissions(Story):
       1. Viewing content: anon user, authenticated user
       2. Viewing own content: anon user, authenticated user
       3. Edit any content: Admin only
       4. Edit own content: Admin only
       5. Delete any content: Admin only
       6. Delete own content: Admin only
       7. Create new content: None
27. **Parking Code Request**
    1. Viewing content: IBBR Personnel
    2. Viewing own content: IBBR Personnel
    3. Edit any content: Admin only
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: IBBR Personnel
28. **Peptide Request**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Oligo Managers
    4. Edit own content: Oligo Managers
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: Oligo Managers, IBBR Personnel
29. **Primer**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: ~~Plant DB User~~
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: ~~Plant DB User~~
    7. Create new content: ~~Plant DB User~~
30. **Publication**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Admin only
    4. Edit own content: authenticated user
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: IBBR Personnel
31. **Purchase Request -** 6 hours
    1. Create its field permissions!
    2. Viewing content: authenticated user
    3. Viewing own content: authenticated user
    4. Edit any content: Purchasing, Account Approver
    5. Edit own content: Purchasing
    6. Delete any content: Admin only
    7. Delete own content: Account Approver
    8. Create new content: IBBR Personnel
32. **Research Progress Report**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Admin only
    4. Edit own content: authenticated user
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: authenticated user
33. **Review**
    1. Viewing content: Admin only
    2. Viewing own content: authenticated user
    3. Edit any content: Admin only
    4. Edit own content: authenticated user
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: authenticated user
34. **Room**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: Admin only
    3. Edit any content: Directors Office, Event Coordinator, IT Support Staff
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: None
35. **Room Reservation/Event**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Event Coordinator, Seminar Coordinators
    4. Edit own content: authenticated user, IBBR Personnel
    5. Delete any content: Event Coordinator
    6. Delete own content: authenticated user, IBBR Personnel
    7. Create new content: HR, IT Support Staff, IBBR Personnel
36. **Seed Grant Proposal -** 6 hours
    1. Create its field permissions!
    2. Viewing content: Account/Grant Manager, Directors Office, Seed Grant Administrator
    3. Viewing own content: authenticated user
    4. Edit any content: Event Coordinator, Seminar Coordinators
    5. Edit own content: Seed Grant Administrator
    6. Delete any content: Admin only
    7. Delete own content: Admin only
    8. Create new content: Director’s Office, IBBR Personnel
37. **Service Contract**
    1. Viewing content: IBBR Personnel
    2. Viewing own content: IBBR Personnel
    3. Edit any content: Account/Grant Manager, Facilities and Lab Services Support Staff, Facilities and Lab Services Work Manager, Purchasing
    4. Edit own content: Admin only
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: Account/Grant Manager, Facilities and Lab Services Support Staff, Lab Services Work Manager, IT Support Staff, Purchasing, Chemical Inventory Manager
38. **Shipping Request -** 6 hours
    1. Create its field permissions!
    2. Viewing content: IBBR Personnel
    3. Viewing own content: IBBR Personnel
    4. Edit any content: Account/Grant Manager, Account Approver
    5. Edit own content: IBBR Personnel
    6. Delete any content: Account/Grant Manager
    7. Delete own content: Admin only
    8. Create new content: IBBR Personnel
39. **Student Evaluation -** 6 hours
    1. Create its field permissions!
    2. Viewing content: anon user, authenticated user, Student Evaluator
    3. Viewing own content: anon user, authenticated user, Student Evaluator
    4. Edit any content: Student Evaluator
    5. Edit own content: Student Evaluator
    6. Delete any content: Student Evaluator
    7. Delete own content: Student Evaluator
    8. Create new content: Student Evaluator
40. **Travel Expense Worksheet**
    1. Viewing content: anon user, authenticated user
    2. Viewing own content: anon user, authenticated user
    3. Edit any content: Admin only
    4. Edit own content: authenticated user
    5. Delete any content: Admin only
    6. Delete own content: Admin only
    7. Create new content: authenticated user
41. **Travel Request**
    1. Viewing content: IBBR Personnel
    2. Viewing own content: IBBR Personnel
    3. Edit any content: Account/Grant Manager, Group Leader, Travel Coordinator
    4. Edit own content: IBBR Personnel
    5. Delete any content: Account/Grant Manager, Travel Coordinator
    6. Delete own content: Admin only
    7. Create new content: IT Support Staff, IBBR Personnel
42. **Webform**
    1. Create new content: Event Coordinator

**Rules**

Create the following rules:

Time: Most should take about 4 hours. Exceptions are written next to each one.

1. New Event was created
2. Job Posting Submitted
3. New Personnel (Email for safety Training)
4. Personnel – Sync
5. Chemical Permissions
6. Purchase Requests – UMD Created
7. Shipping - Fedex Account Num
8. Person – Add to fellows role
9. Account – Set Status
10. Account Created
11. Shipping – Send to PI for Approval – 5 hours
12. Create or link user for customers
13. Outvoicing – New Quote
14. Remove files from NMR discussions
15. Facilities – update status
16. Facilities – new ticket
17. Facilities – update PM
18. Create home page for group
19. IT update status
20. IT - Ticket Created
21. IT Ticket for new personnel
22. Internship Notification
23. Oligo Created
24. Parking Code Request submitted
25. Peptide request created
26. Purchase Request – Create line items
27. NIST Purchase Forwarding
28. Review Submitted for Seed Grant
29. Display conflict message for conflicting events
30. Event has been confirmed by event coordinator
31. Event reservation not confirmed
32. Empty other location in event if unchecked
33. Room reservation/Event created
34. IT ticket for post processing Youtube live events – new room reservation
35. IT ticket for post processing Youtube live events – updated room reservation
36. Seed Grant Proposal – Permissions
37. Seed Grant Proposal – Reviewers selected
38. Seed Grant Proposal - Comments
39. Shipping – IBBR funds
40. Tracking number entered – shipped
41. Shipping – User Has Submitted Requested Changes
42. Shipping Request Fedex Account Number Management
43. Travel – New form submitted
44. Schedule TES after Travel
45. Parking code request – approval by e-mail
46. Travel request – approval by e-mail
47. Parking Code Request – Presave
48. OG creation upon adding new taxonomy term
49. Purchase Request – approval by email
50. Redirect IBBR customers to their dashboard
51. Shipping Request – approval by email – 5 hours
52. Shipping – IBBR Funds

**Modules**

Create the following (custom) modules:

Time: Each of these modules will take a different amount of time depending on how much needs to be changed.

1. IBBR duplicates: helper module to prevent duplicate personnel records – 24 hours
2. Event room reservation: Room reservation helper functions for the IBBR web site – 48 hours
3. IBBR Announcement – 24 hours
4. IBBR Inventory Scanning: Adds a page to scan inventory items with the help of a Bluetooth barcode scanner – 72 hours
5. IBBR Outbound Invoicing: Handles payment for outbound invoices – 48 hours
6. IBBR P-card helper: Syncs P-card totals with the purchase request – 24 hours
7. IBBR: helper functions for the IBBR web site – 24 hours
8. IBBR Auth: authenticates users against IBBR Active Directory (AD) and updates their AD password when their Drupal password is changed – 72 hours
9. IBBR NIST: Helper functions to export data to Excel forms for procurement – 24 hours
10. IBBR Payment: Integration of webform and payment system (added handling nested fieldsets) – 72 hours
11. IBBR Purchasing: Handles various functionalities of the IBBR purchasing system – 72 hours
12. IBBR Sync: Syncs IBBR Personnel nodes with Drupal, AD, Lenel, and mailing lists – 72 hours

**Menus**

Create the following menus:

Time: Most should take about 2 hours (especially because repetitive). Each of these menus will vary maybe by an hour or so because of the different amount of links. Exceptions are written next to each.

1. Accounting/Purchasing
2. Create
3. Development
4. Events/Marketing
5. External Contacts
6. Facilities
7. Groups
8. Human Resources
9. Intranet menu
10. IT Support
11. ITF Management
12. Main menu – 5 hours
13. Management - 5 hours
14. Navigation - 5 hours
15. Oligo/Peptide
16. Secondary menu
17. Sponsored Research
18. Submit Work Requests
19. Tools - 3 hours
20. User Menu

**Feeds importers**

Create the following Feeds Importers:

Time: Most should take about 4 hours (functionality will be repetitive). Each will vary maybe by an hour or so because of the different properties/fields being imported.

1. Chemical Inventory Importer
2. Contacts Importer
3. Equipment Importer
4. NIST Equipment Importer
5. P-Card Transaction Importer
6. Parking Code Importer
7. PM Schedule Importer
8. Printer Use Logs
9. Purchase Request Feed Importer
10. Rooms Data Importer
11. Sensitive Equipment
12. Service Contract Importer
13. UMCP Data Warehouse Import