**Week 15:**This is the week to start thinking about your**Final Project**

1.  You will have 2 weeks to plan, design & get your project approved by your Instructor -- Weeks 15-16.**Start Now!**

2.  You will have 2 weeks for implementation & debugging -- Weeks 17-18.

3.  Notice this tile: **Week 15: Final Project Proposal Prep**

- Click on **Week 15: Final Project Proposal Prep**, and read through the requirements for the **Final Project**.

- Decide whether to do a Group Project, or an Individual Project.

- Talk through your ideas with your mentor. Ask questions in class & in Office Hours.

- Create an **ERD** of your project idea, and think through what you want to implement for your **CRUD**.

-- Do you want to **Create** every entity with it's own @PostMapping?

-- Does every entity need a **Delete** (e.g. @DeleteMapping)?

-- What about **Update** (e.g. @PutMapping) and **Read** (e.g. @GetMapping)?

-- Remember the Requirements for an **Individual** Project:

--- Design & Create the MySQL Database with a minimum of 3 tables and at least one 1-to-many relationships (PK/FK), and at least one many-to-many relationship (join table).

--- Implement the following:  every entity/table needs at least one CRUD Operation, one table/entity needs all 4 CRUD Operations, AND your many-to-many needs to have CRUD Operations on that relationship.

--- In an Individual Project, **you are required to include** a 5-minute video containing an overview of the whole project, highlighting your implementation.  Be careful to include all functionality in your presentation!

-- Remember the Requirements for a **Group** Project:

--- Design & Create the MySQL Database with a minimum of 2 tables per Group Member, and 1 additional table.  At least one 1-to-many relationships (PK/FK), and at least one many-to-many relationship (join table).

--- Implement the following:  every entity/table needs at least one CRUD Operation, one table/entity needs all 4 CRUD Operations, AND your many-to-many needs to have CRUD Operations on that relationship.

--- Each Group Member needs to implement  at minimum their 2 tables/entities top to bottom including the entity, controller, service & DAO layers.

--- Each Group Member must document and submit their contributions.  **Each member is required to include** a 5-minute video containing an overview of the whole project, AND specifically their implementation/contribution, with their part working!

-- We recommend creating this project with JDBC following the example project in the videos/homework.