* **Heading**
  + **Product Name: Slug Loop**
  + **Team Name SlugLoopers**
* **High-Level Goals**
  + **UI/UX**
    - **Figma Designs for every main page**
    - **Proper graphics and logos**
  + **Frontend**
    - **Revamp existing pages**
    - **Add new pages**
    - **Combine maps**
    - **Better map UI**
  + **Backend**
    - **Figure out how metro API works**
    - **Write reusable functions for calling metro API**
    - **Modify backend calls for higher efficiency and add new ones for additional functionality**
  + **Unit Testing**
    - **Frontend Testing**
      * **100% coverage**
    - **Backend Testing**
      * **100% coverage**
    - **E2e Testing**
    - **CI/CD Pipeline for automatic testing**
  + **Hardware**
    - **Optimized signs and transmitters**
    - **Fix base stations located in Baskin and Marine Sciences**
    - **Funding**
    - **Coordinate with TAPs/Building Managers**
* **List of User Stories**
  + **Sprint 1**
    - **As a user, I want to be able to see and switch between different loop routes and have them displayed on the map. [4]**
    - **As a user, I want to see the metro buses on the map.**
  + **Sprint 2**
    - **As a user, I want to be able to see and switch between different loop routes and have them displayed on the map. [4]**
    - **As a user, I want to see the metro buses on the map.**
    - **As a user, I want to see visually appealing graphics and logos, and not a drab interface.**
    - **As a user, I want the metro and loop buses to be on the same map.**
  + **Sprint 3**
    - **As a user, I want to see revamped pages and not the same pages.**
    - **As a user, I wish to see all the future bus arrival times for my selected bus stop.**
    - **As a user, I want the app to be fast in rendering the map and the routes.**
    - **As a user, I want the app to be easily usable, and not have a confusing interface.**
    - **As a user, I wish to be able to see the upcoming metro buses for my current station.**
    - **As a user, I wish to be able to see estimated arrival times for my metro buses [8]**
  + **Sprint 4**
    - **As a user, I want the app to be fast when I look at the map and change settings.**
    - **As a user, I want my settings to be maintained upon reopening the map. [1]**
* **Product Backlog**
  + **As a user, I want the bus locations to be as accurate and fast as possible.**
  + **As a user, I want the map and routes to always be accurate and reliable.**
  + **As a user, I want to save my favorite routes and stops, so I can quickly access the information I need most often. [4]**
  + **As a user, I want to search for specific bus stops or routes using keywords, so I can easily find the information I'm looking for. [4]**
  + **As a user, I want to view the estimated arrival times for the next buses at a particular stop, so I can plan when to arrive at the stop. [24]**
  + **As a user, I want the option to toggle between map and list views for bus routes and stops, so I can choose the format that works best for me. [4]**