Product Backlog

ID	User Story / Feature	Description	Priority	Notes
1	Setup Development Environment	Set up GitHub, Docker, PUG, JavaScript, and Node.js environment	High	Initial setup tasks
2	Database Integration	Integrate the given SQL database	High	Essential for the manipulation of the data
3	User Authentication	Implement login functionality with username and password	Medium	For secure access to the application
4	Data Management for Cities	Enable adding, viewing, updating, and deleting city information	High	Core functionality
5	Data Management for Countries	Enable adding, viewing, updating, and deleting country information	High	Core functionality
6	Report: Population Reports (Cities, Countries, Capitals)	Generate reports on population data for cities, countries, and capitals sorted by population	High	Key feature
7	Report: Top N Populated Entities	Generate reports for top N populated cities, countries, and capitals as requested by the user	High	User input required
8	Report: Language Speakers	Report on the number and the percentage of speakers of specified languages	Medium	Additional insight into population data
9	Report: Population Living In/Out of Cities, Continent, Region, Country, and District	Provide data on populations living in each portions	Medium	Additional reports
10	Extra Functionality	Identify and implement any additional functionalities	Low	Allows room for innovation