**Database and Testing**

**Database connection properties:**

url=jdbc:mysql://localhost:3306/taskmanager?useSSL=false

username=root

password=thisisdivya

**Schema name**: taskmanager

**Tables:**

**Parenttask**

create table Parenttask (parent\_id int(10) auto\_increment, parent\_task varchar(50), primary key(parent\_id));

**Task**

create table Task (task\_id int(10) auto\_increment, task varchar(50),

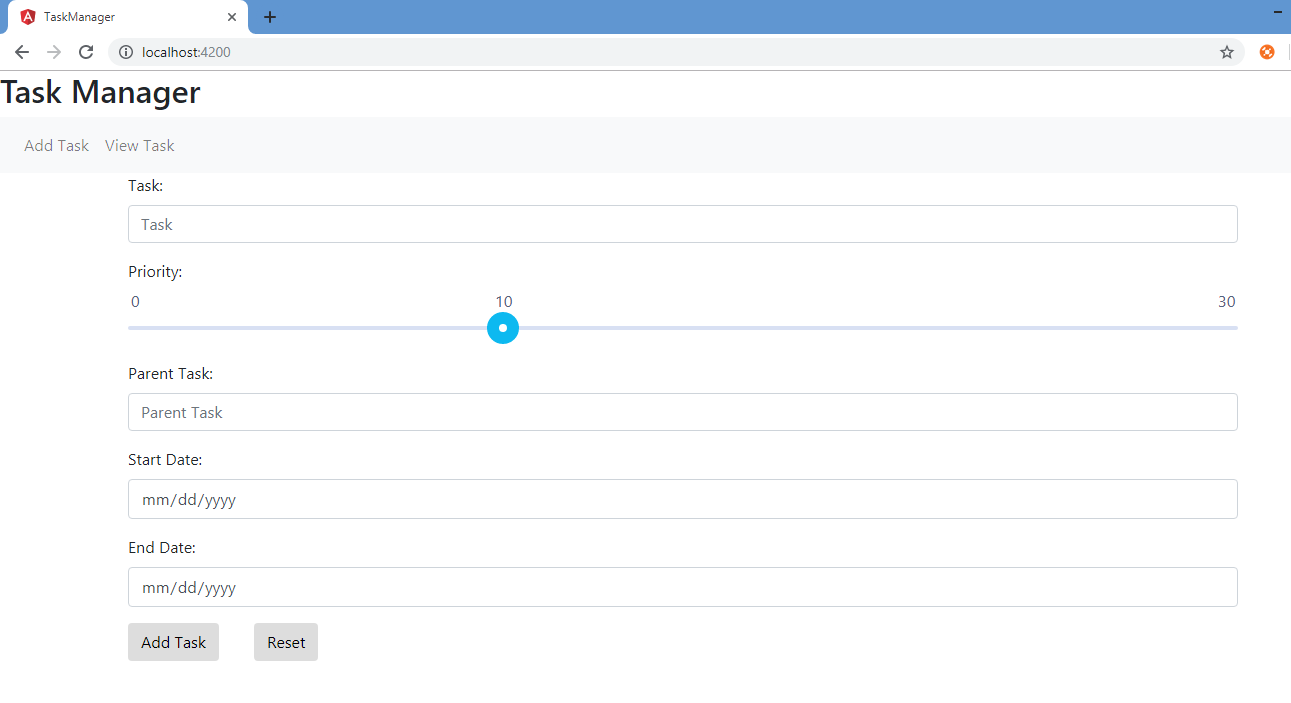
priority int(10), start\_date date, end\_date date, parent\_id int(10) NULL, finished varchar(10) default 'N',

primary key(task\_id),

foreign key(parent\_id) references Parenttask(parent\_id));

Upon launching the application, it will go to the “Add Task”page.

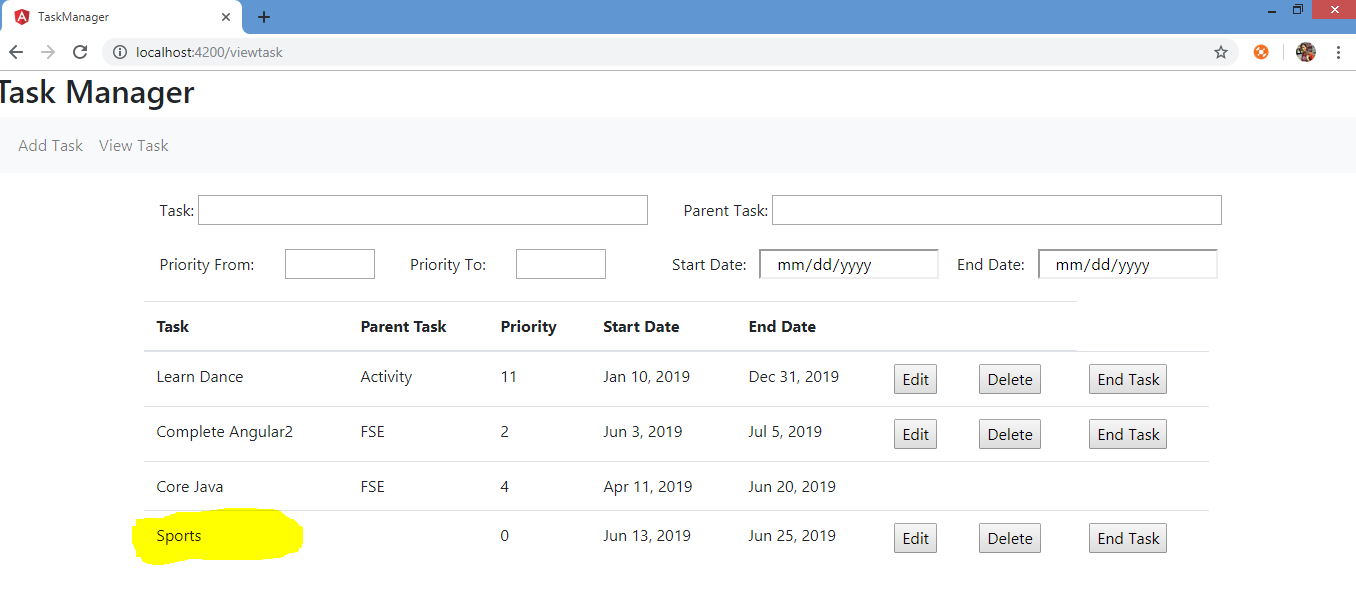
It is the entry point for front end:



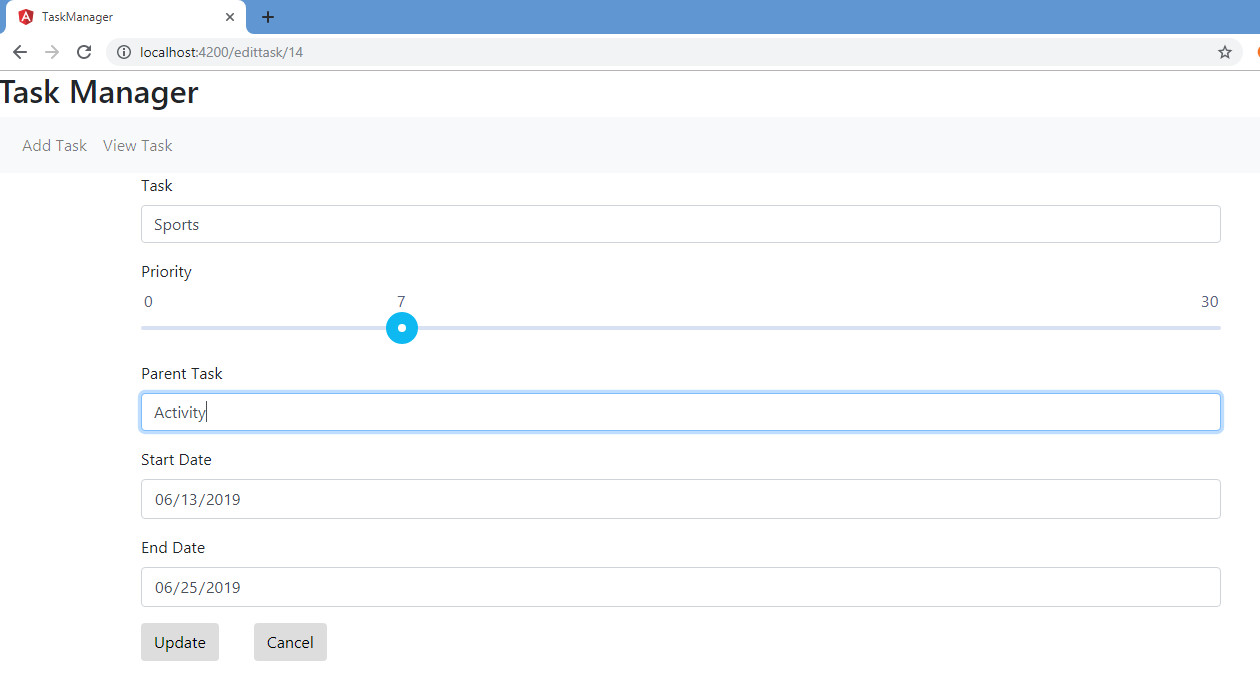
Here Parent Task field is optional as per requirement.

All other fields are mandatory.

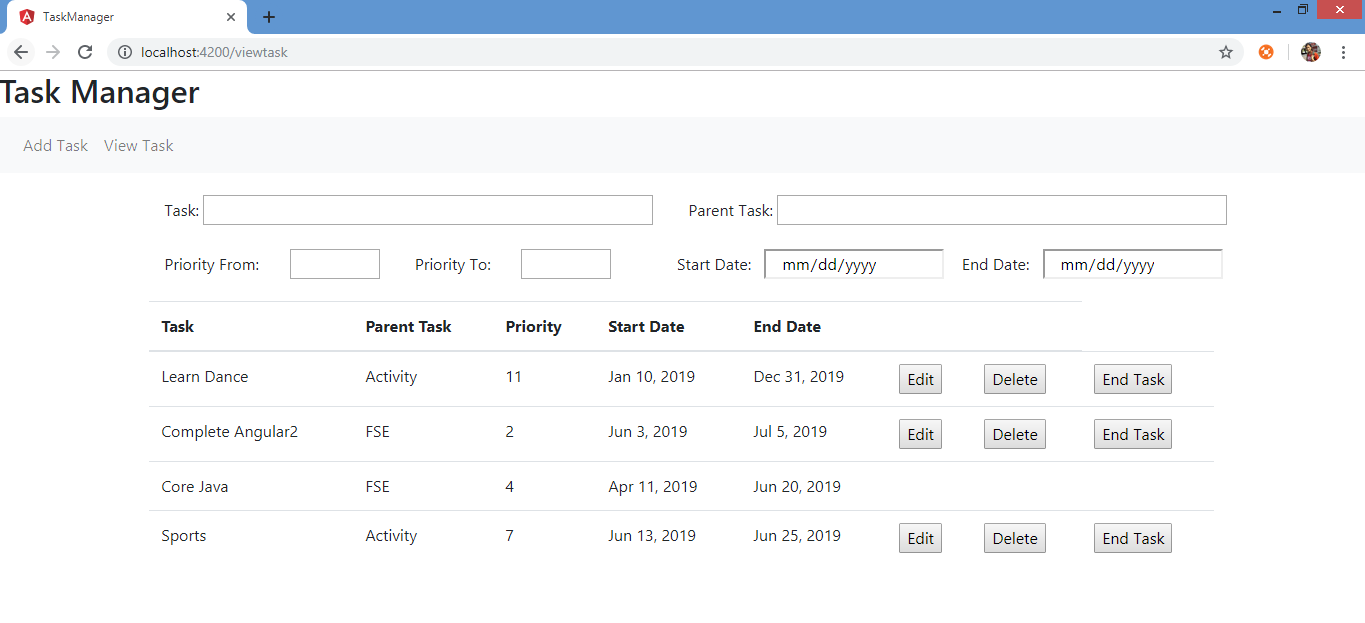
For example: Sports is added as a task without a parent.



Now we can go and update the Sports task and assign to a Parent Task

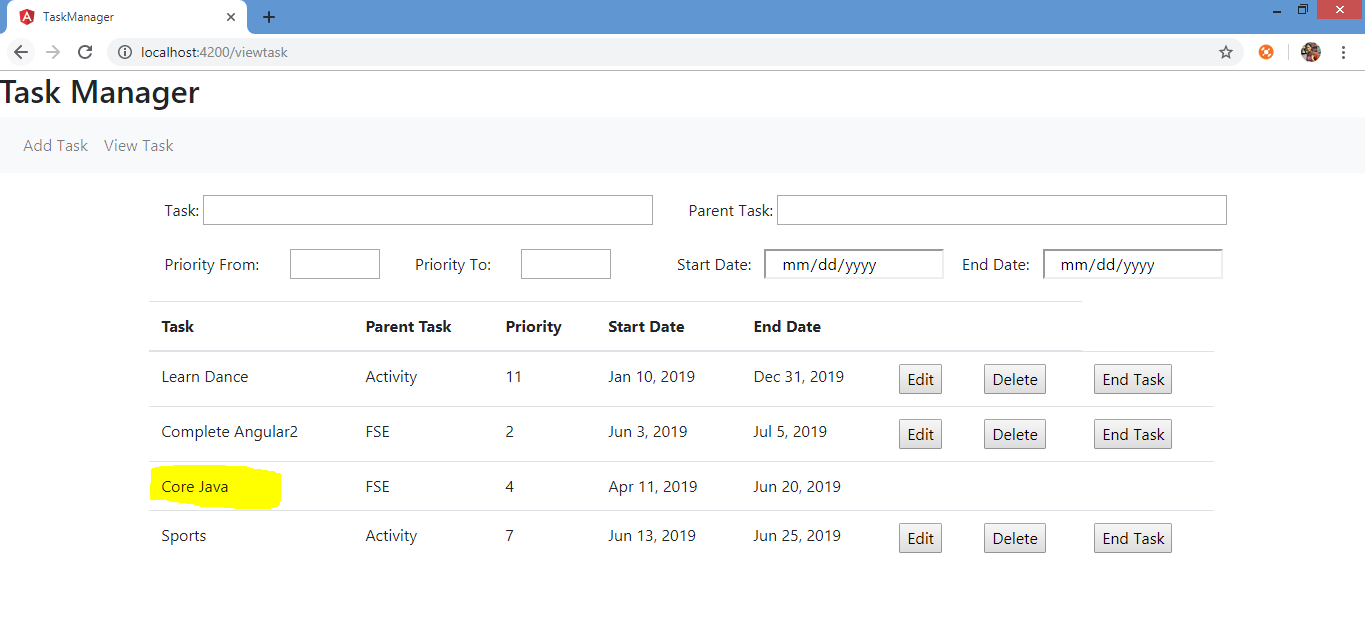


And clicking on Update it updates the task and redirect to View Task Page.

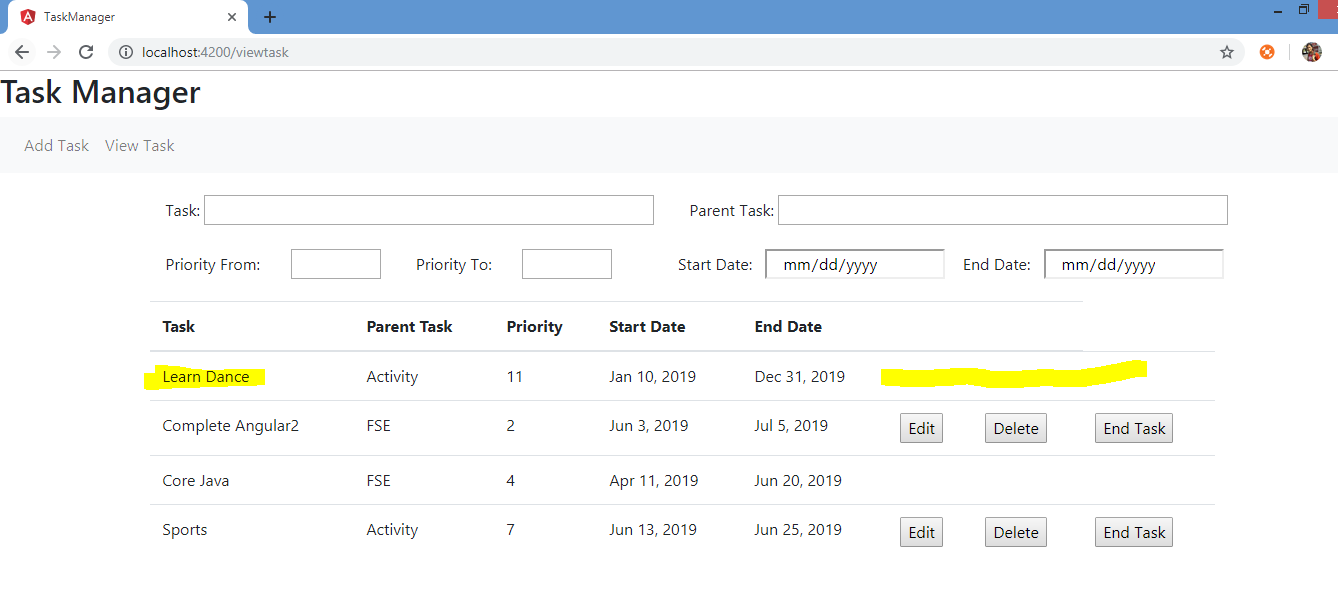


As per requirement, if We End Task, it should not allow to perform Edit or Delete operation on that task.

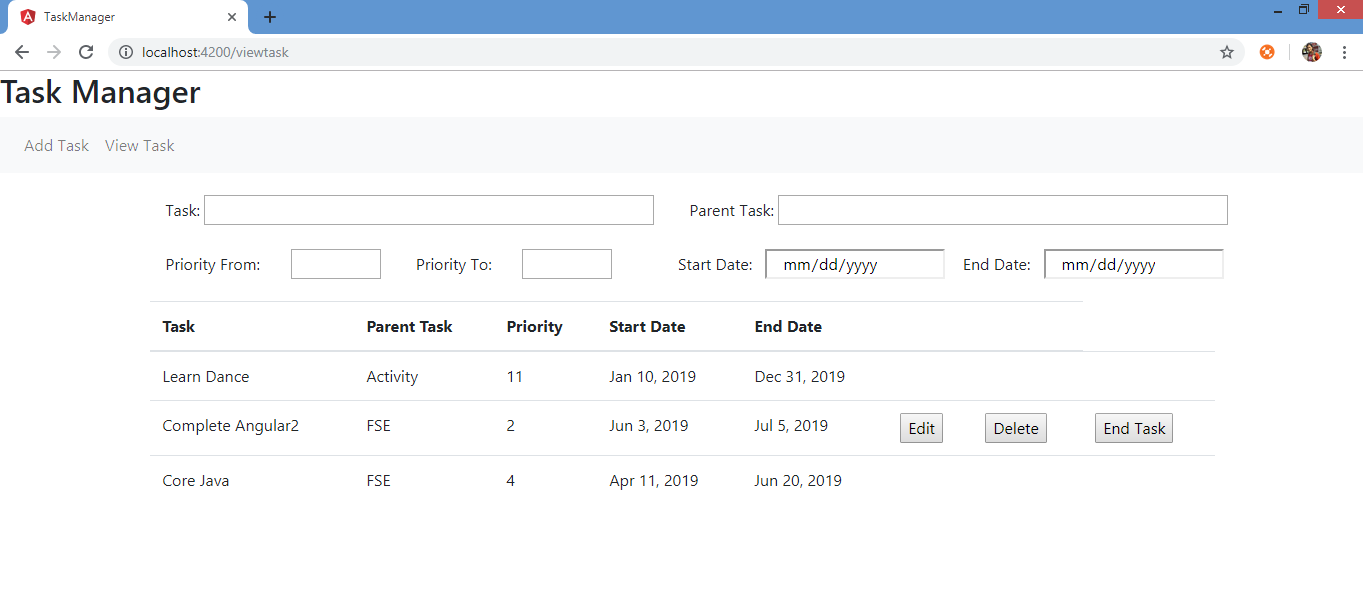
In below case, Core Java Task is completed hence we cannot see the option to Edit or Delete.



Let’s End task “Learn Dance” and see below the Edit and Delete options are gone:



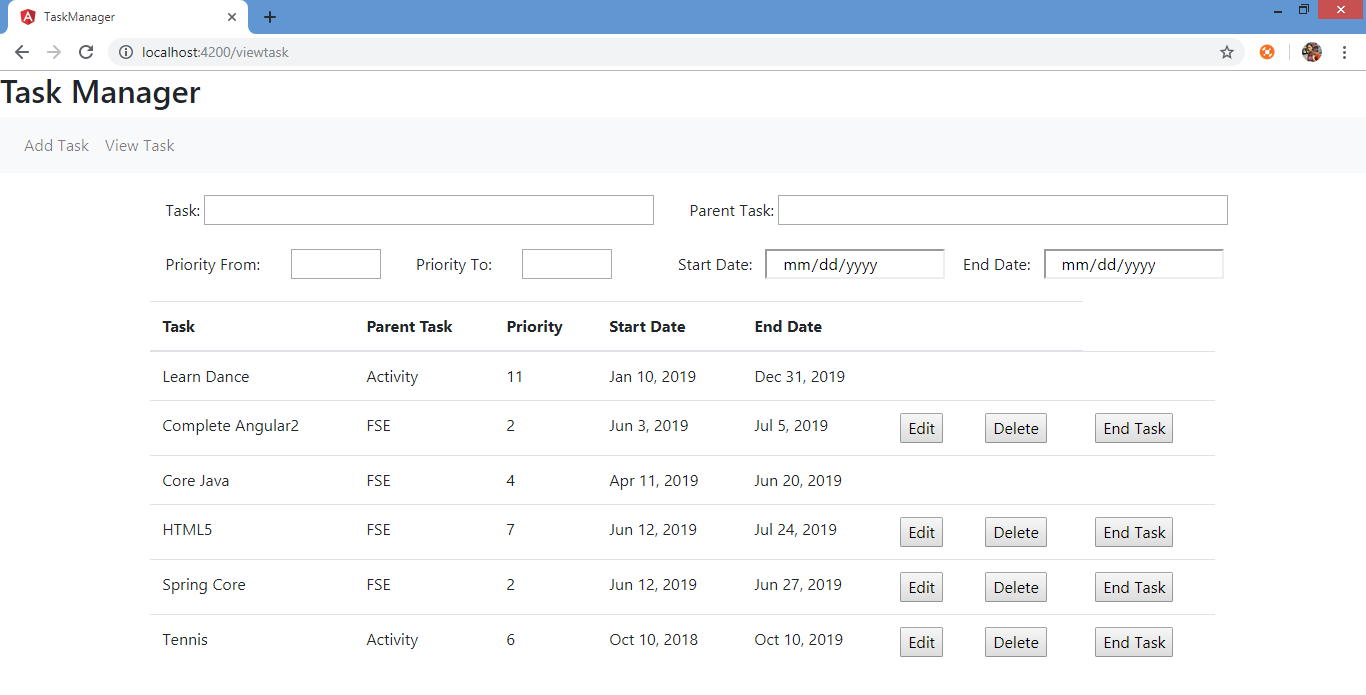
Now we’ll delete Task “Sports” and it’ll be gone from View Task page.



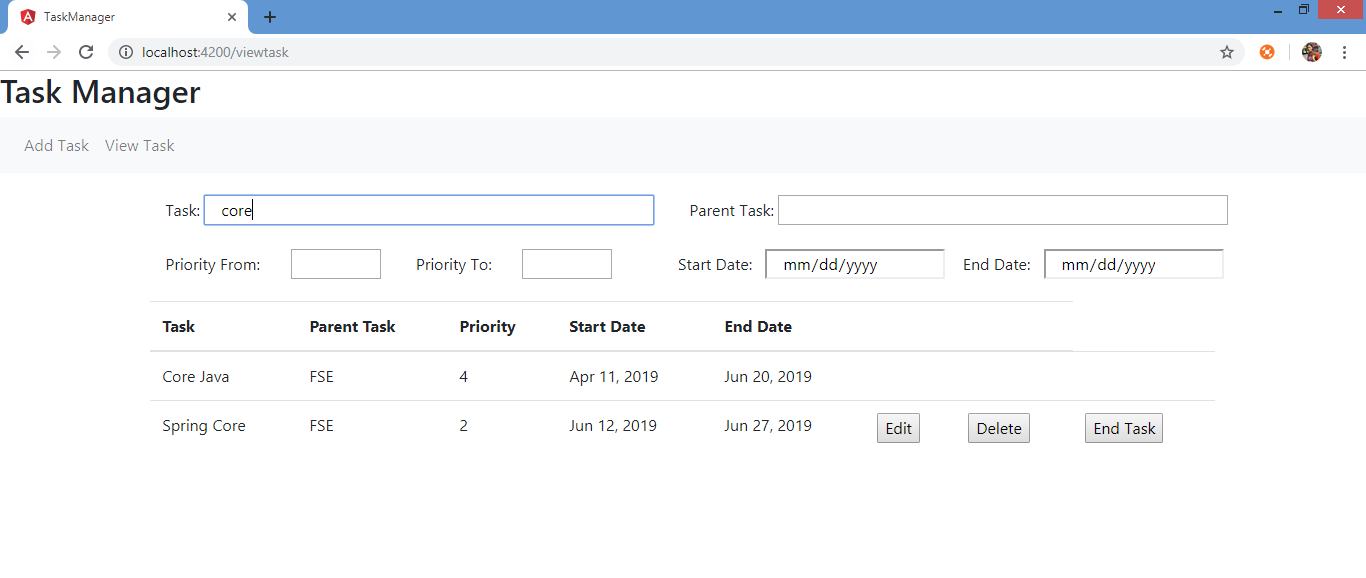
There are options to search the Task list by Task, Parent Task, Priority, Start Date and End Date.

For Example:

Complete List:



Search by Task:



Search by Parent:

