.NET Developer Task

Create a console application to manage Visma's internal meetings using .NET6.
Requirements:

- Command to create a new meeting. All the meeting data should be stored in a JSON file. Application should retain data between restarts. Meeting model should contain the following properties:
  - Name
  - ResponsiblePerson
  - Description
  - Category (Fixed values - CodeMonkey / Hub / Short / TeamBuilding)
  - Type (Fixed values - Live / InPerson)
  - StartDate
  - EndDate
- Command to delete a meeting. Only the person responsible can delete the meeting.
- Command to add a person to the meeting.
  - Command should specify who is being added and at what time.
  - If a person is already in a meeting which intersects with the one being added, a warning message should be given.
  - Prevent the same person from being added twice.
- Command to remove a person from the meeting.
  - If a person is responsible for the meeting, he can not be removed.
- Command to list all the meetings. Add the following parameters to filter the data:
  - Filter by description (if the description is "Jono .NET meetas", searching for .NET should return this entry)
  - Filter by responsible person
  - Filter by category
  - Filter by type
  - Filter by dates (e.g meetings that will happen starting from 2022-01-01 / meetings that will happen between 2022-01-01 and 2022-02-01)
  - Filter by the number of attendees (e.g show meetings that have over 10 people attending)

Focus on good code design and good practices, UI design should be minimalistic and simple. Besides the completion of functional requirements, we require: OOP design, unit tests and code should adhere to C# / .NET coding conventions.

Push your code to Git (e.g. GitHub, GitLab, Bitbucket) repository and share the link with us.

Good luck!

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FAQ

Q: Can I use a database?
A: No. At this stage file storage is enough.

Q: Can this application be a Windows form application or a WPF application?
A: No. We are geeks and like using the terminal.

Q: Can I develop a web application?
A: Still no.

Q: How long should it take?
A: 2 to 4 hours. Do not spend more than that.