

Self-development application for controlling and achieving goals

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The meaning and goals of the application

- ▶ Self-development
 - ▶ Organizing everyday life, self-control
 - ▶ Productivity
-
- ▶ Coherent, expended planning interface
 - ▶ Control of completion of tasks and goals on time
 - ▶ Mood monitoring
 - ▶ Taking notes and efficiently searching for thoughts

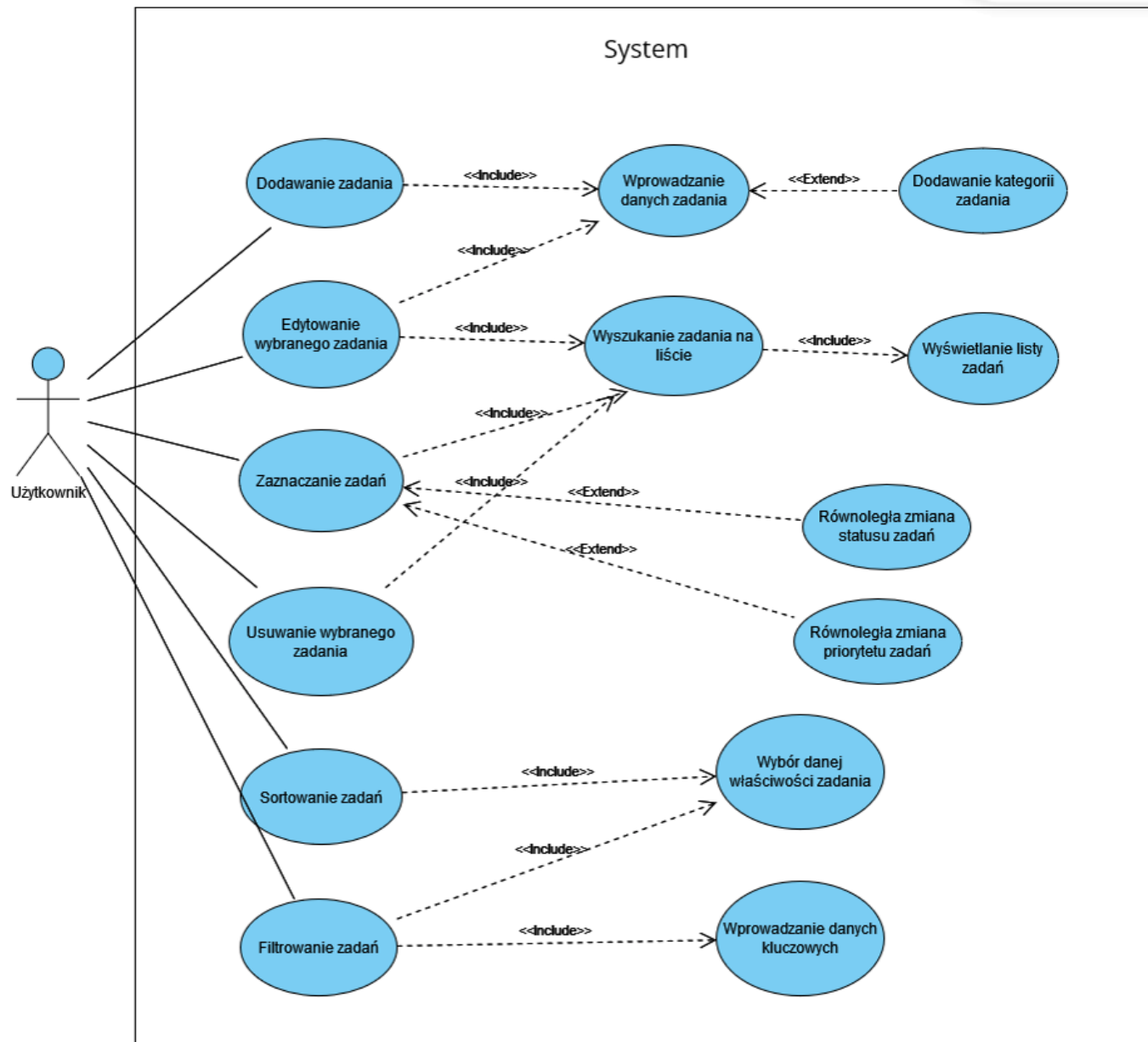
Main addressees of the app

- ▶ Students
- ▶ Working people
- ▶ Disorganised people
- ▶ Ambitious people

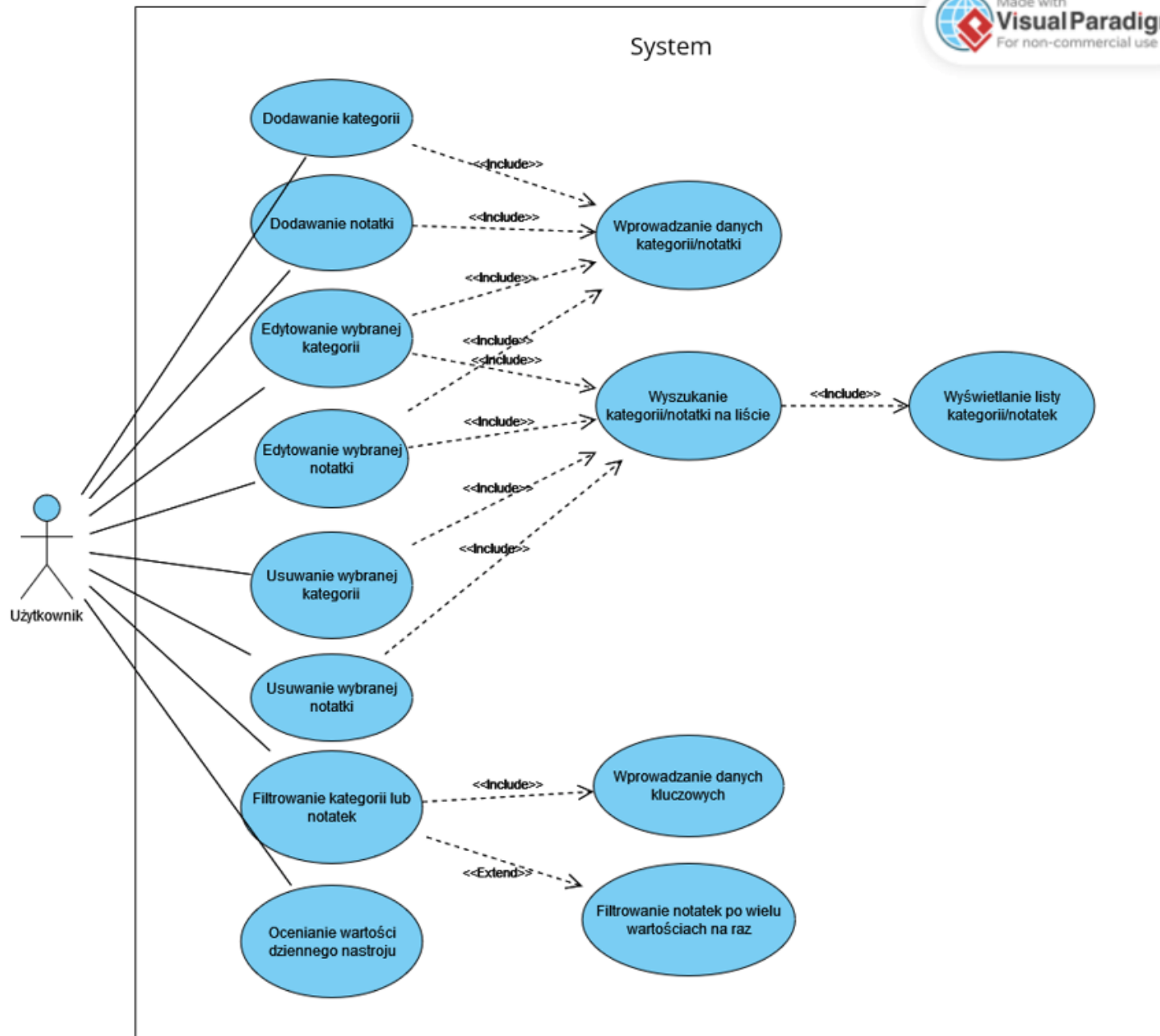
Specific assumptions of the application

- ▶ Easy-to-use, but extensive task management
- ▶ Visual control of the task completion status
- ▶ Filtering and sorting tasks

- ▶ Simple creation, filtering and searching of notes
- ▶ Simple mood control



App use cases – tasks [Polish]



App use
cases –
the rest
[Polish]

Technologies

The .NET logo consists of a solid blue square. In the center of the square, the text ".NET" is written in a white, bold, sans-serif font.

.NET

The WPF logo is a solid dark blue rectangle. In the center of the rectangle, the text "WPF" is written in a white, bold, sans-serif font.

WPF

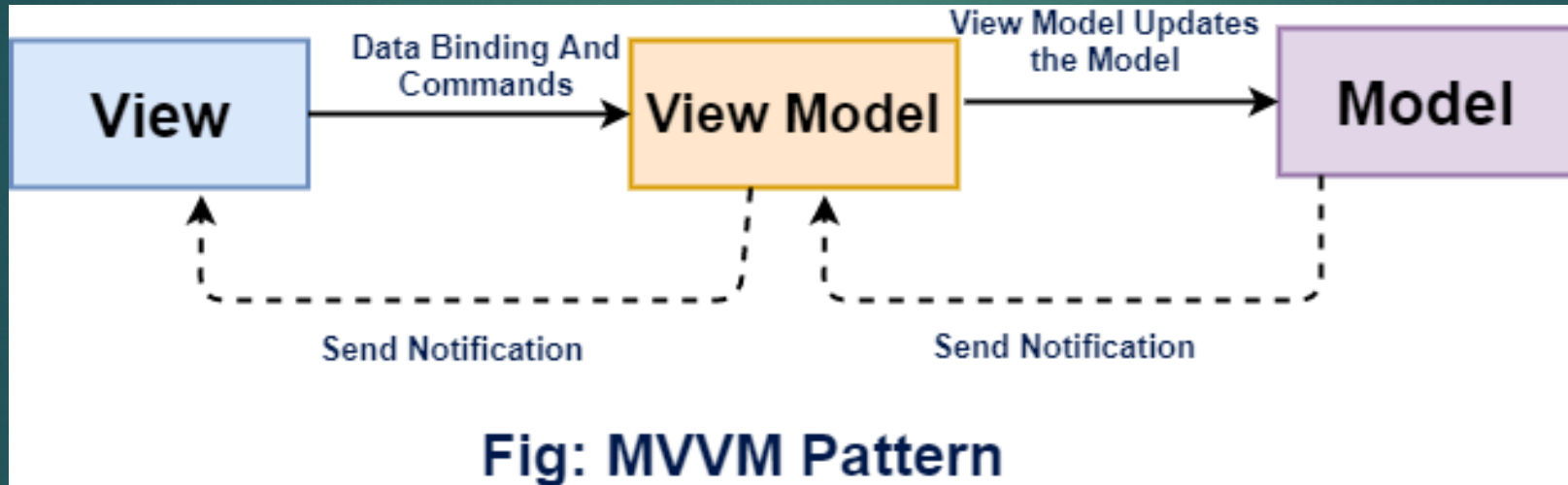


Side technologies

- ▶ Entity Framework Core
- ▶ SQLite
- ▶ Xaml.Behaviors.WPF library

App structure

- Architectural pattern Model-View-ViewModel (MVVM)



Database – code-first approach

Odwołania: 26

```
class AppDbContext : DbContext
```

```
{
```

Odwołania: 12

```
public DbSet<TaskCategoryModel> TaskCategories { get; set; }
```

Odwołania: 6

```
public DbSet<TaskModel> Tasks { get; set; }
```

Odwołania: 7

```
public DbSet<NoteCategoryModel> NotesCategories { get; set; }
```

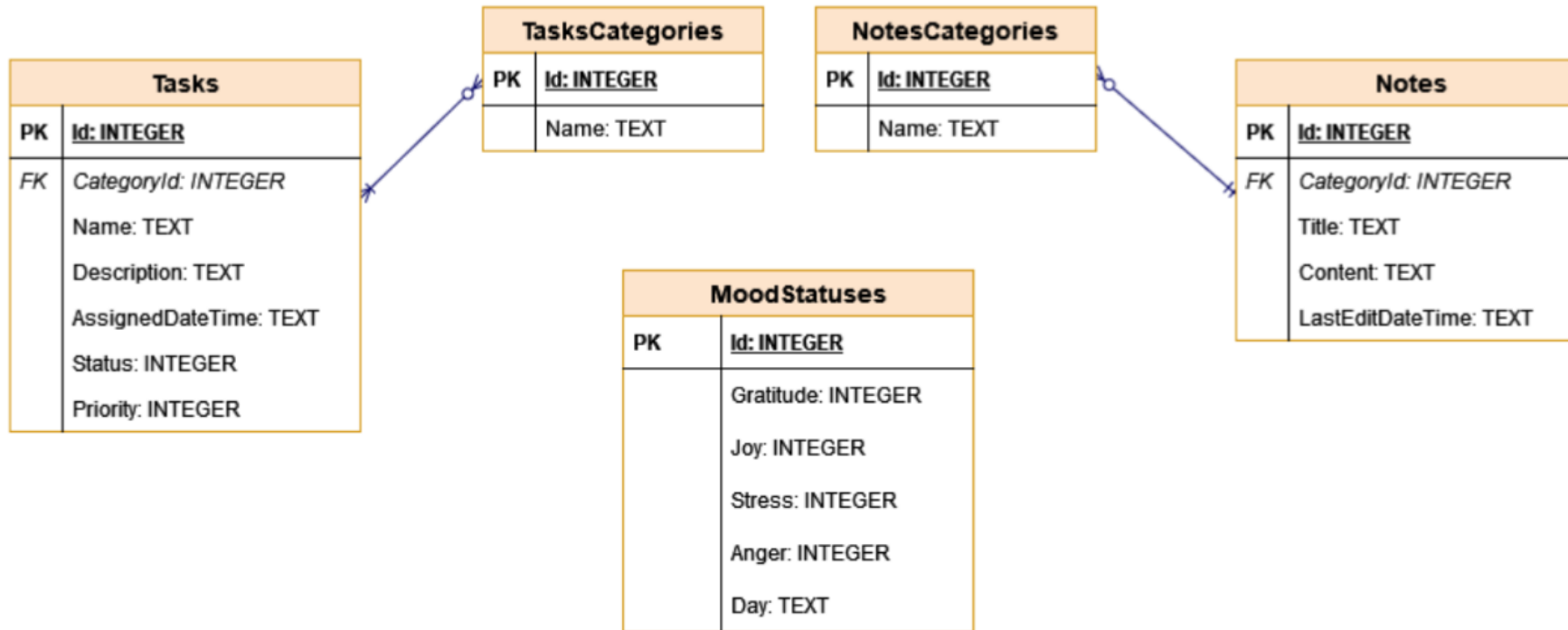
Odwołania: 6

```
public DbSet<NoteModel> Notes { get; set; }
```

Odwołania: 3

```
public DbSet<MoodStatusModel> MoodStatuses { get; set; }
```


Database - schema



Directions of development

- ▶ New views and functionalities (e.g. statistics, focus mode)
- ▶ Better interface appearance
- ▶ Integrations with external APIs

Thank you for your
attention!