LU02.L09 - Dataclass mit mutable Attribut

main.py

```python
"""
This script demonstrates how to add a new member to a team.
"""

from team import Team


def add_member(team, member):
    """
    Adds a new member to the team's members list.
    """
    team.members.append(member)


if __name__ == '__main__':
    team1 = Team(name='Team A')
    team2 = Team(name='Team B')

    add_member(team1, 'Alice')
    add_member(team2, 'Bob')

    print(
        f'{team1.name} Mitglieder: {team1.members}'
    )  # Output: Team A Mitglieder: ['Alice']
    print(
        f'{team2.name} Mitglieder: {team2.members}'
    )  # Output: Team B Mitglieder: ['Bob']
```

team.py

```python
"""
This module contains the Team class.
"""

from dataclasses import dataclass, field


@dataclass
class Team:
    name: str
    members: list = field(default_factory=list)
```

From:

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