

ДОДАТОК А

Фрагмент коду компонента BookCatalog

```
const BookCatalog = ({ books }) => {
  const [searchQuery, setSearchQuery] = useState('');
  const [sortOption, setSortOption] = useState('Default');

  const filteredBooks = books
    .filter((book) =>
      book.title.toLowerCase().includes(searchQuery.toLowerCase())
    )
    .sort((a, b) => {
      if (sortOption === 'Default') return 0;
      if (sortOption === 'Title') return
a.title.localeCompare(b.title);
      if (sortOption === 'Author') return
a.author.localeCompare(b.author);
      return 0;
    });

  return (
    <div className="catalog-container">
      <h2 className="catalog-title">Available Books</h2>

      <div className="catalog-controls">
        <label>
          <strong>Сортувати </strong>
          <select value={sortOption} onChange={(e) =>
setSortOption(e.target.value)}>
            <option value="Default">Default</option>
            <option value="Title">Назва</option>
            <option value="Author">Автор</option>
          </select>
        </label>
      </div>
    </div>
  );
};
```

```

    <label>
      <strong>Пошук: </strong>
      <input
        type="text"
        placeholder="Знайти книгу..."
        value={searchQuery}
        onChange={ (e) =>
setSearchQuery(e.target.value) }
      />
    </label>
  </div>

  <div className="book-grid">
    {filteredBooks.map((book) => (
      <div key={book.id} className="book-card">
        <img src={book.cover} alt={book.title}
className="book-cover" />
        <h3>{book.title}</h3>
        <p><strong>Автор:</strong> {book.author}</p>
        <p>{book.description}</p>
        <p><em>жанр · {book.genre}</em></p>
        <button>Вибрати</button>
      </div>
    ))}
  </div>
</div>
);
};

```

