

PROBLEM

The Prison Garden Production app will be a tool for inmates to use in prisons across Iowa for educational and rehabilitational purposes. It will provide inmates with skills they can use to re-incorporate themselves into society, while also giving them a sense of accomplishment. This app will meet prison security standards regarding internet access by restricting wifi. A connection through a secure server will be made for the faculty to track inmate progress.

NON-FUNCTIONAL REQUIREMENTS

- App needs to be mobile friendly
- Tablet needs to be durable
- Tablet OS needs security modifications
- Appealing, organized, and easy to use interface
- Cross-platform - can run on any tablet

FUNCTIONAL REQUIREMENTS

- Authorize credentials
- Register new users
- Track user progress
- Allow users to view lessons
- Prompt user for a quiz after each unit
- Tablet OS allows access to this app only
- Provide means for non-technical people to edit, remove, and add content

TECHNICAL DETAILS

- MVC Design Pattern
- Django for server side functionality
- Python for models
- HTML5, Javascript, JQuery, CSS, and Bootstrap for UI design & interactivity
- MYSQL DB to store user information
- Currently Tested for Android Tablet

PRISON GARDEN APPLICATION

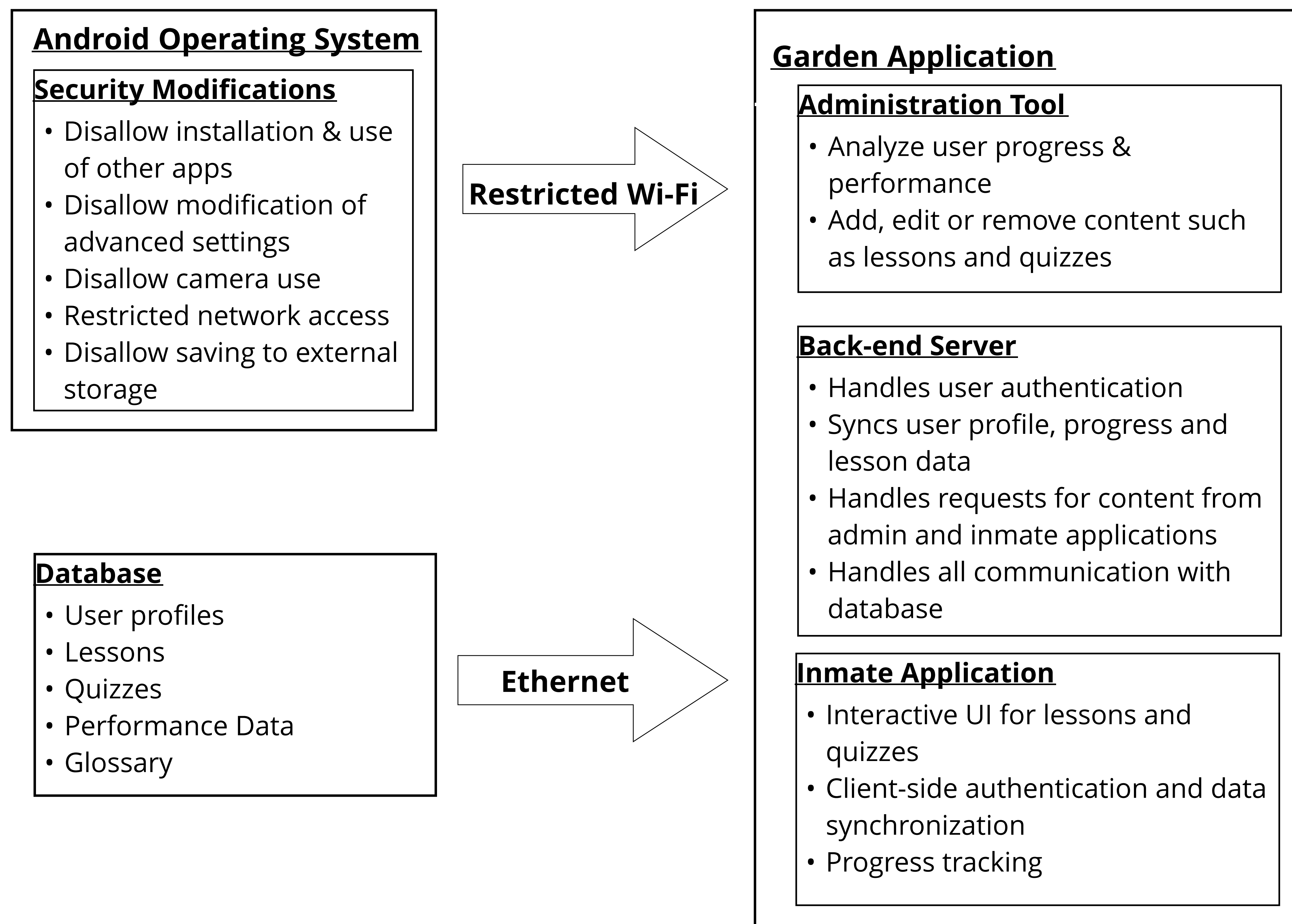
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DESIGN



SCREEN SHOTS

