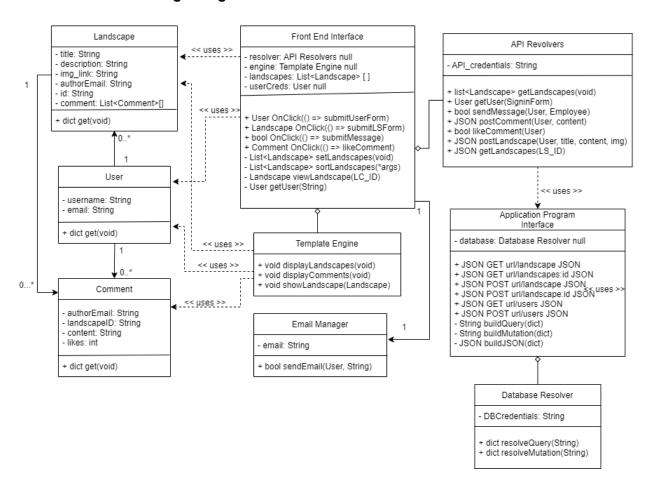
Project: Landscape Website

Team Members: Derek Sadler, Amanda Retchless, Jennifer Thomson, Nathan Bunge, Dawson

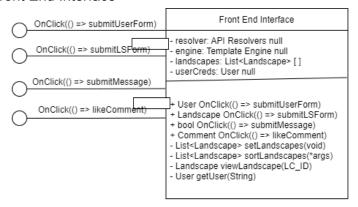
Whipple, Wade Cappa

1. Elaborated Design Diagram:



2. Elaborated Component Diagram

2.1 Front End Interface



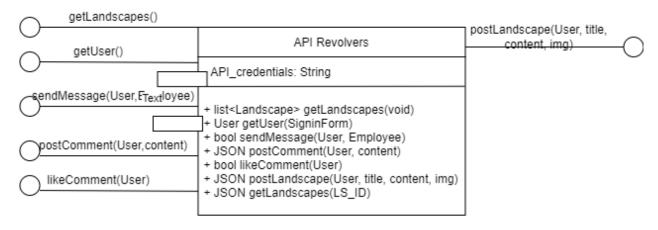
API Revolvers - API_credentials: String + list<Landscape> getLandscapes(void) + User getUser(SigninForm) + bool sendMessage(User, Employee) - JSON postComment(User, content) - bool likeComment(User) - JSON postLandscape(User, title, content, img)

- JSON getLandscapes(LS_ID)

Email Manager - email: String + bool sendEmail(User, String)

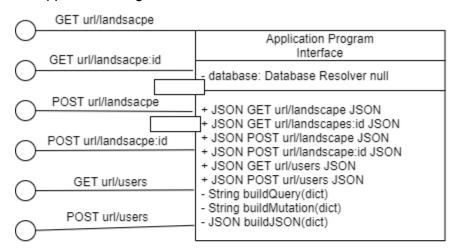
Template Engine + void displayLandscapes(void) + void displayComments(void) + void showLandscape(Landscape)

2.2 API Resolvers



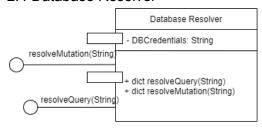
Front End Interface - revolver: API Resolvers null - engine: Template Engine null - landscapes: List<Landscape> [] - userCreds: User null + User OnClick(() => submitUserForm) + Landscape OnClick(() => submitLSForm) + bool OnClick(() => submitMessage) + Comment OnClick(() => likeComment) - List<Landscape> setLandscapes(void) - List<Landscape> sortLandscapes(*args) - Landscape viewLandscape(LC_ID) - User getUser(String)

2.3 Application Program Interface



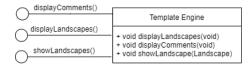
Database Resolver - DBCredentials: String + dict resolveQuery(String) + dict resolveMutation(String)

2.4 Database Resolver



Application Program Interface	
- database: Database Resolver null	
+ JSON GET url/landscape JSON + JSON GET url/landscapes:id JSON + JSON POST url/landscape:id JSON + JSON GET url/landscape:id JSON + JSON GET url/landscape:id JSON + JSON POST url/landscape:id JSON - String buildQuery(dict) - String buildQuery(dict) - JSON buildJSON(dict)	

2.5 Template Engine



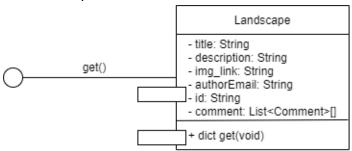
Front End Interface - revolver: API Resolvers null - engine: Template Engine null - landscapes: List<Landscape>[] - userCreds: User null + User OnClick(() => submitUserForm) + Landscape OnClick(() => submitLSForm) + bool OnClick(() => submitMessage) + Comment OnClick(() => likeComment) - List<Landscape> setLandscapes(void) - List<Landscape> sortLandscapes(*args) - Landscape viewLandscape(*C_ID) - User getUser(String)

2.6 Email Manager



Front End Interface - revolver: API Resolvers null - engine: Template Engine null - landscapes: List<Landscape> [] - userCreds: User null + User OnClick(() => submitUserForm) + Landscape OnClick(() => submitLSForm) + bool OnClick(() => submitMessage) + Comment OnClick(() => likeComment) - List<Landscape> setLandscapes(void) - List<Landscape> setLandscapes(rargs) - Landscape viewLandscape(LC_ID) - User getUser(String)

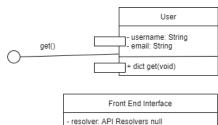
2.7 Landscape



Front End Interface

- resolver: API Resolvers null
- engine: Template Engine null landscapes: List<Landscape> []
- userCreds: User null
- + User OnClick(() => submitUserForm)
- + Landscape OnClick(() => submitLSForm)
- + bool OnClick(() => submitMessage)
- + Comment OnClick(() => likeComment)
- List<Landscape> setLandscapes(void)
- List<Landscape> sortLandscapes(*args)
- Landscape viewLandscape(LC_ID)
- User getUser(String)

2.8 User



- engine: Template Engine null - landscapes: List<Landscape> [] - userCreds: User null

- + User OnClick(() => submitUserForm) + Landscape OnClick(() => submitLSForm)
- + Landscape Onclick(() => submitLSForm) + bool OnClick(() => submitMessage) + Comment OnClick(() => likeComment) List<Landscape> setLandscapes(void) List<Landscape> sortLandscapes(*args) Landscape viewLandscape(LC_ID) User getUser(String)

2.9 Comment

