

Product Design

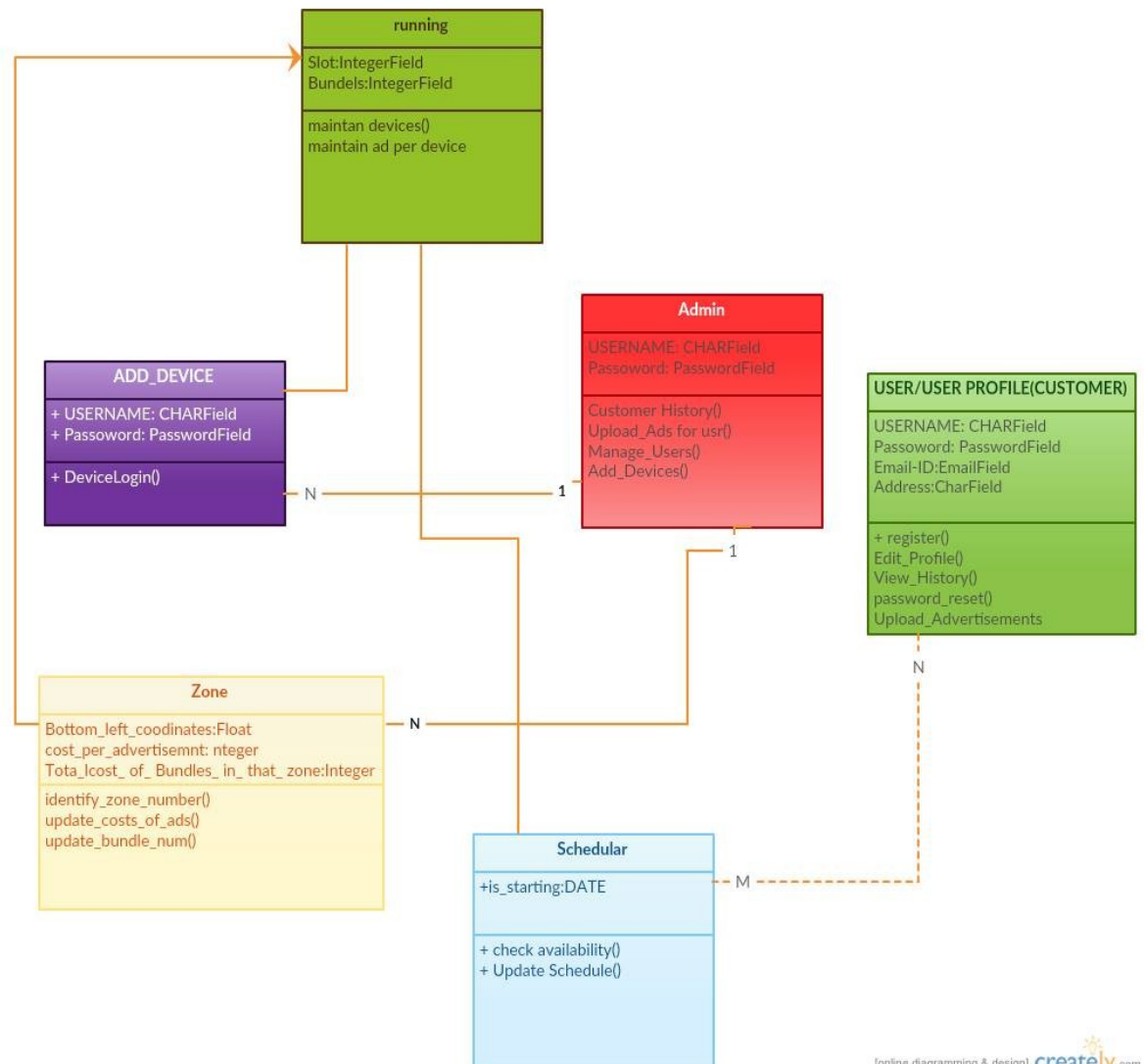
Team : SSAD15

Project: Location Based Advertisement

Team Members:Aakash,Kritika,Arushi

Design Model

0.1

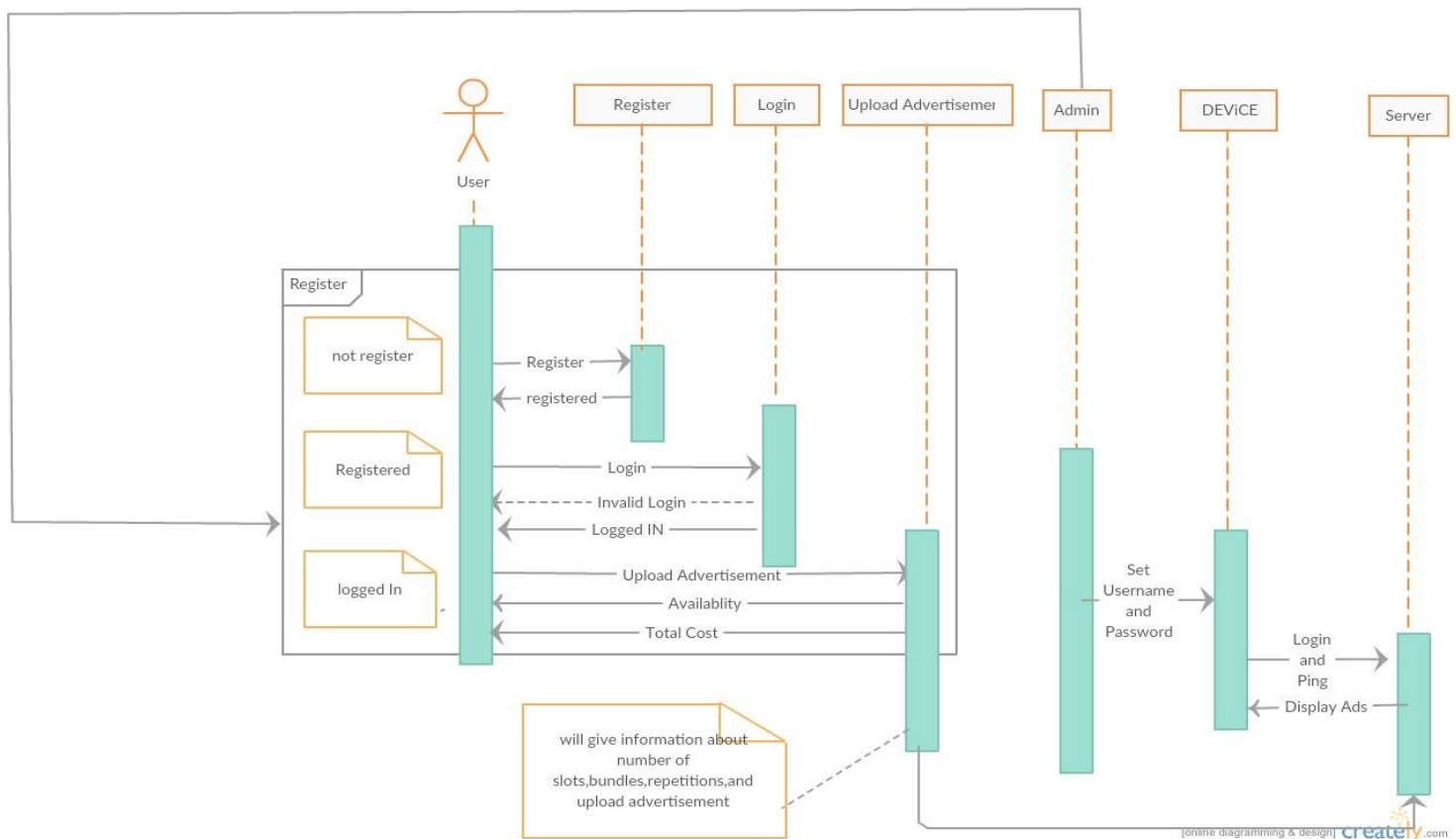


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Zone	<ul style="list-style-type: none"> • It maintains all the information about a zone , that includes : Bottom left coordinates of the zone, Cost per Advertisement per bundle per slot in that zone, Total number of bundles in that zone • Methods Include : <ul style="list-style-type: none"> ◦ Identify the zone number corresponding ◦ Update the cost per advertisement per bundle per slot for a particular zone ◦ Update the total number of bundles in a zone
Scheduler	<ul style="list-style-type: none"> • Stores the advertisement scheduled for a given week,given zone starting in given slot number and repeating a fixed number of times. • Methods Includes : <ul style="list-style-type: none"> ◦ Check availability of the request (bundle,slot in a zone) by a user ◦ Update the schedule bookings for upcoming weeks
Current_Running	<ul style="list-style-type: none"> • Stores all the data required for the current week for running of advertisements. • Methods includes : <ul style="list-style-type: none"> ◦ Maintain the number of devices allocated in zone per slot ◦ Maintains the number of devices allocated to a single advertisement per slot per zone. ◦ Decide the next advertisement to be displayed per zone per slot.
User	<ul style="list-style-type: none"> • Stores all the information about a particular user. • Methods include : <ul style="list-style-type: none"> ◦ Edit Profile ◦ View History ◦ Upload Advertisement ◦ Password reset
Admin	<ul style="list-style-type: none"> • Stores the profile of the admin

	<ul style="list-style-type: none"> • Methods include : <ul style="list-style-type: none"> ◦ View combined history of all users ◦ Upload advertisement on users behalf ◦ Manage Users ◦ Add devices
Device	<ul style="list-style-type: none"> • Has the information about a logged in device . • Methods include : <ul style="list-style-type: none"> ◦ Get Advertisement

Sequence Diagram(s)



Design Rationale

First after Registering User will be automatically logged-in but due to security issues we removed that design and is asked for logged in.

Changed The Design of SIGN-UP for User-Convinience.

We were initially keeping a separate interface for admin but after the demands of the client changed then we decided to keep the same interface for admin as it is for the user.