

CLASS DIAGRAM

DataPack Tracker

Prepared by Tracknet

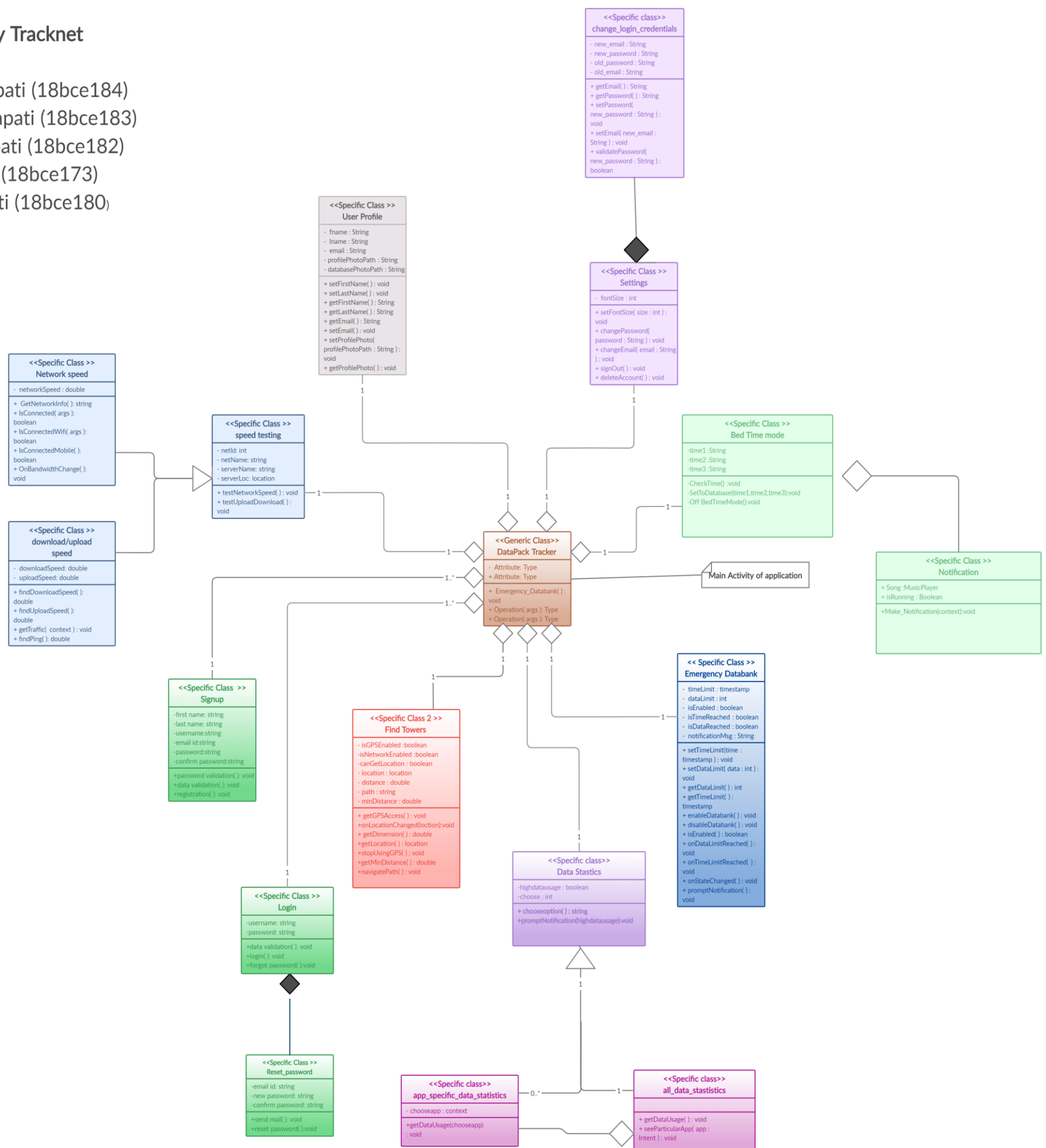
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Abstract	
DATAPACK TRACKER	
<ul style="list-style-type: none"> • User registration • User authentication • Bed time mode • Emergency databank • Network speed • Download/Upload speed • Tower Navigation • Show Data Statistics • Mange Settings • Show User Profile 	<ul style="list-style-type: none"> • User • Databank • Network Speed • Downloading/Uploading Speed • Speed Testing • Login • Signup • Find Towers • Data Statistics • Setting

LOGIN	
DATAPACK TRACKER	
<ul style="list-style-type: none"> • Password • Username 	<ul style="list-style-type: none"> • Firebase Database

SIGN UP	
DATAPACK TRACKER	
<ul style="list-style-type: none"> • First Name • Last Name • User Name • Email ID • Password • Confirm Password 	<ul style="list-style-type: none"> • Firebase Database

RESET PASSWORD		DATAPACK TRACKER
<ul style="list-style-type: none"> Email ID New Password Confirm Password 		<ul style="list-style-type: none"> Firebase Dsatabase

BED TIME MODE		DATAPACK TRACKER
<ul style="list-style-type: none"> Check Time And Make Notification And Turn On/Off Data Set Database Off Bed Time Mode 		<ul style="list-style-type: none"> SQL Lite Database Notification

NOTIFICATION		DATAPACK TRACKER
<ul style="list-style-type: none"> Make Notification 		<ul style="list-style-type: none"> System Files

FIND TOWERS		DATAPACK TRACKER
<ul style="list-style-type: none"> Turn on GPS Find Network of Connection Find Location Of Tower Get Total Distance Navigate Path Turn Off GPS 		<ul style="list-style-type: none"> System GPS

<div>EMERGENCY DATABANK</div> <div>DATAPACK TRACKER</div>	
<ul style="list-style-type: none"> • Set Data Limit • Set Time Limit • Provide Notification When Limits Exceeded • On/Off Databank 	<ul style="list-style-type: none"> • Notification • Alarmclock • sqlite database

<div>Data statistics</div> <div>all app statistics, particular app statistics</div> <div>DATAPACK TRACKER</div>	
<ul style="list-style-type: none"> • show option for choosing app 	<ul style="list-style-type: none"> • all app statistics • particular app statistics

<div>all app statistics</div> <div>Data Statistics</div>	
<ul style="list-style-type: none"> • show data statistics of all app 	<ul style="list-style-type: none"> • ActivityManager • TrafficStats • particular app statistics

<div>particular app statistics</div> <div>Data Statistics</div>	
<ul style="list-style-type: none"> • show data statistics of a particular app 	<ul style="list-style-type: none"> • ActivityManager • NetworkStatsManager

Settings		DATAPACK TRACKER
<ul style="list-style-type: none"> • change password • change email • change font • change theme 		<ul style="list-style-type: none"> • Firebase

User		DATAPACK TRACKER
<ul style="list-style-type: none"> • user details • user photo 		<ul style="list-style-type: none"> • Firebase

Speed Testing		DATAPACK TRACKER
Network speed, download/upload speed		
<ul style="list-style-type: none"> • check network connection • collect network info 		<ul style="list-style-type: none"> • ConnectivityManager • NetworkInfo • Network speed • download/upload speed

Network Speed		Speed Testing
<ul style="list-style-type: none"> • check network speed 		<ul style="list-style-type: none"> • ConnectivityManager

<div>Speed Testing</div> <div>download/upload speed</div>	
<ul style="list-style-type: none">check download/upload speed	<ul style="list-style-type: none">ConnectivityManager