

## CRUD Operations

Route	Data Request	Data Response	Notes
/user			
/create	<pre>{   "FirstName": "string",   "LastName": "string",   "Email": "email" }</pre>	<b>success</b> <pre>{   "response": "success" }</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
/read	<pre>{   "Email": "email" }</pre>	<b>success</b> <pre>{   "ProfileID": "number",   "FirstName": "string",   "LastName": "string",   "Email": "email" }</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
/update	<pre>{   "ProfileID": "number",   "FirstName": "string",   "LastName": "string",   "Email": "email" }</pre>	<b>success</b> <pre>{   "response": "success" }</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
/delete	<pre>{   "ProfileID": "number",   "Email": "email" }</pre>	<b>success</b> <pre>{   "response": "success" }</pre>	

		<b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
<b>/toilet</b>			
/create	<pre>{   "Longitude": "float",   "Latitude": "float",   "Title": "string",   "ToiletImage": "base64" }</pre>	<b>success</b> <pre>{   "response": "success" }</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
/read	<pre>{   "Longitude": "float",   "Latitude": "float", }</pre>	<b>success</b> <pre>[ {   "Longitude": "float",   "Latitude": "float",   "Title": "string",   "Img": "url" } ... ]</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
/update	<pre>{   "Longitude": "float",   "Latitude": "float",   "Title": "string",   "Img": "base64" }</pre>	<b>success</b> <pre>{   "response": "success" }</pre> <b>failure</b> <pre>{   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	

		<pre>     ]   } </pre>	
/delete	DNE	DNE	<p>Users cannot abort their toilets.</p> <p>Toilets are aborted if their is a threshold of flags on that toilet that indicate it does not exist</p>
/rating			
/create	<pre> {   "Rating": "float",   "ProfileID": "number",   "ToiletID": "number",   "Comment": "string",   "Picture": "base64" } </pre>	<pre> <b>success</b> {   "response": "success" } <b>failure</b> {   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] } </pre>	
/read	<pre> {   "RatingID": "number" } </pre>	<pre> <b>success</b> {   "RatingID": "number",   "Rating": "float",   "ProfileID": "number",   "ToiletID": "number",   "Comment": "string",   "Picture": "base64" } <b>failure</b> {   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] } </pre>	Retrieve by Profile Specific Rating/Comment
	<pre> {   "ProfileID": "number" } </pre>	<pre> <b>success</b> [ {   "RatingID": "number",   "Rating": "float",   "ProfileID": "number",   "ToiletID": "number",   "Comment": "string",   "Picture": "base64" } </pre>	Retrieve <b>all</b> ratings from Profile Rating/Comment

		<pre> } ... ] <b>failure</b> {     "response": "failure",     "reason": [         "reason 1",         "reason 2",         ...     ] } </pre>	
	<pre> {     "ToiletID": "number", } </pre>	<pre> <b>success</b> [ {     "RatingID": "number",     "Rating": "float",     "ProfileID": "number",     "ToiletID": "number",     "Comment": "string",     "Picture": "base64" } ... ] <b>failure</b> {     "response": "failure",     "reason": [         "reason 1",         "reason 2",         ...     ] } </pre>	Retrieve <b>all</b> ratings from toilet
/update	<pre> {     "RatingID": "number",     "Rating": "float",     "ProfileID": "number",     "ToiletID": "number",     "Comment": "string",     "Picture": "base64" } </pre>	<pre> <b>success</b> {     "response": "success" } <b>failure</b> {     "response": "failure",     "reason": [         "reason 1",         "reason 2",         ...     ] } </pre>	

<code>/delete</code>	<pre>{   "RatingID": "number", }</pre>	<pre><b>success</b> {   "response": "success" } <b>failure</b> {   "response": "failure",   "reason": [     "reason 1",     "reason 2",     ...   ] }</pre>	
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