

MICHIGAN STATE
U N I V E R S I T Y

Alpha Presentation

GM Employee Companion Mobile App

The Capstone Experience

Team General Motors

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Michigan State University

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*From Students...
...to Professionals*

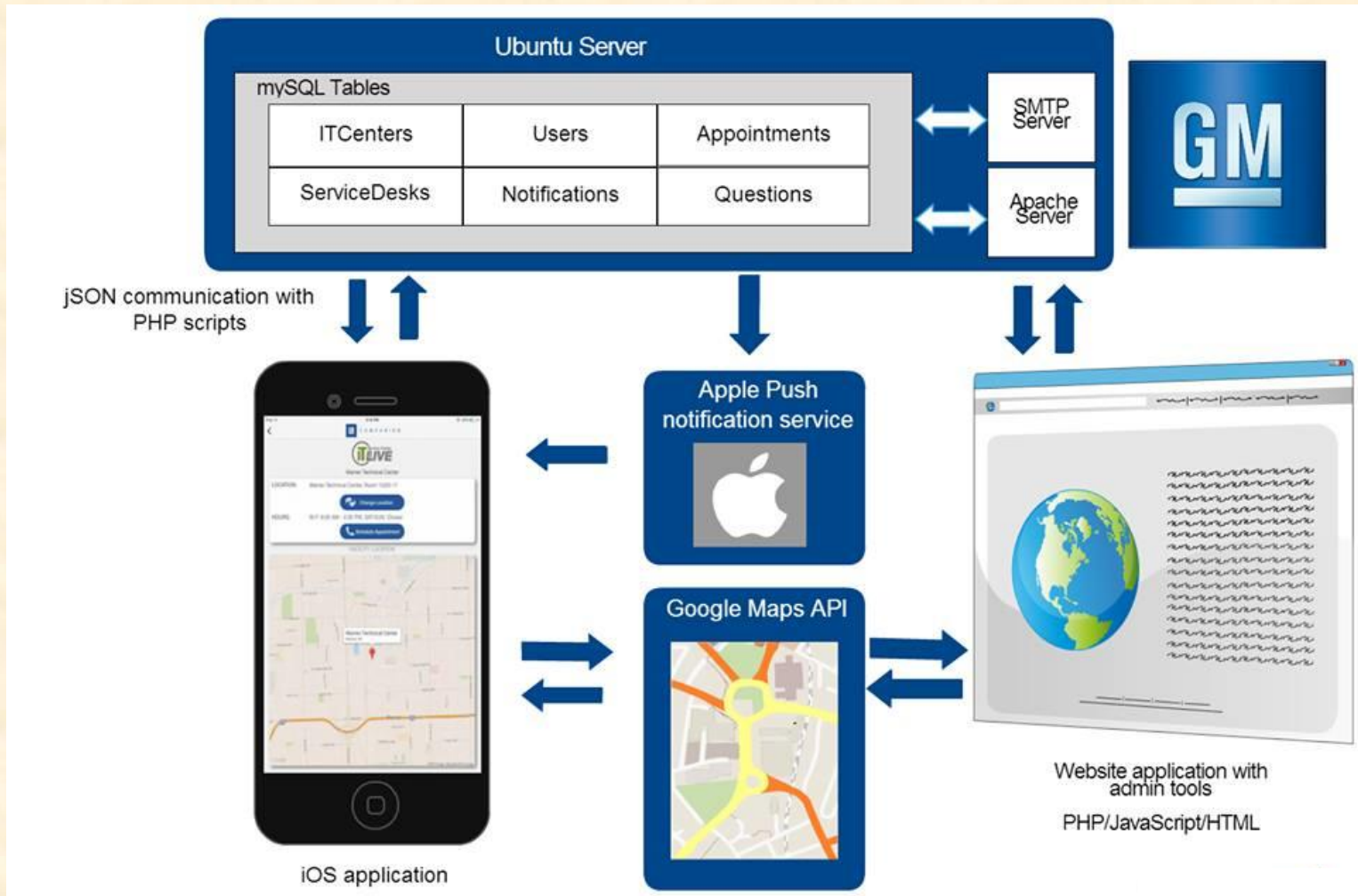
Project Overview

- Client: General Motors
- User: GM Employees
- Purpose: Enable GM employees to access helpful information and services from their mobile devices.



C O M P A N I O N

System Architecture



Features

- User Login and Registration
- Scheduling Services for IT Service Center LIVE
- View Appointments
- IT Service Desk Directory
- Frequently Asked Questions

Login and Registration



Welcome to the GM Employee Companion Mobile Application Web Page!

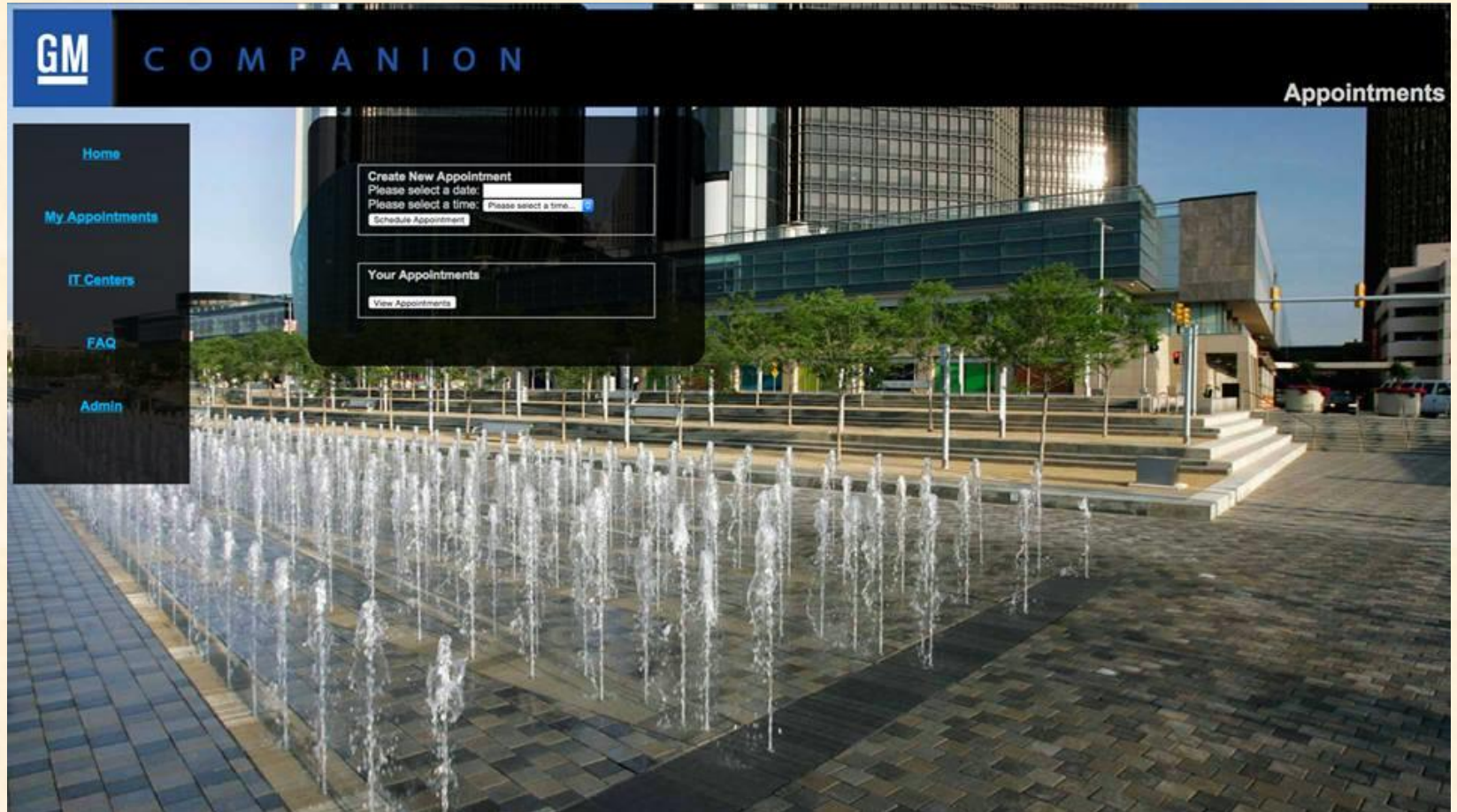
Email: @msu.edu

Password:

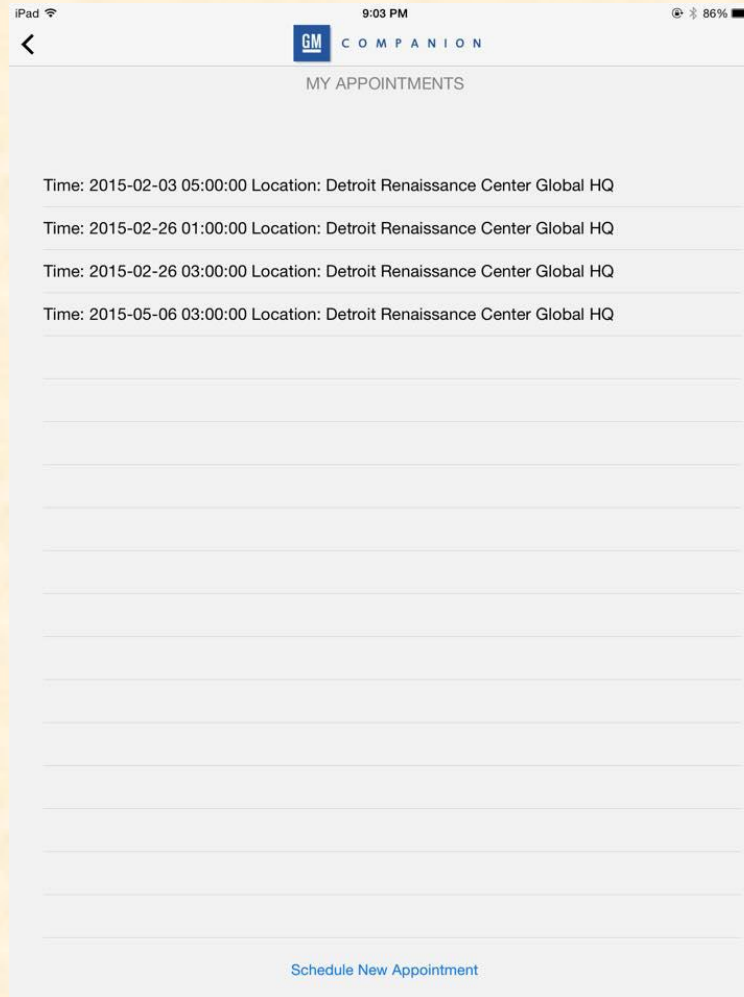
Don't have an account? Create one here:



Scheduling Screen



My Appointments



Appointment Details

iPad 9:03 PM 86%


< GM COMPANION

APPOINTMENT DETAILS

Appointment Time: 12:00
Phone Number: 123-456-7890
Address: 1234 Default St
Example, MI 40000


Manager: Joe Smith
Description: General Description

Cancel Directions Call



The floor plan shows a multi-room building layout. Rooms are color-coded: orange (237A, 237B, 237C, 237D), yellow (235A, 235B, 235C, 235D, 235E, 235F, 235G, 235H, 235J, 235K), pink (245, 247, 248, 252, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000). A callout box labeled 'Service Center iLIVE' is positioned over room 252.

IT Service Center LIVE

COMPANION

IT Service Center LIVE Directory

- Home
- My Appointments
- IT Centers
- FAQ

List of IT Center Locations:

Location: Australia
Phone Number: +1-254-532-8636
Language: English

Location: Australia (Holden)
Phone Number: +1-254-532-8636
Language: English

Location: China - North
Phone Number: GMIO +1-254-532-8636/GM Korea & JVs 1-254-532-1385
Language: English,#Mandarin

Location: China - South
Phone Number: GMIO +1-254-532-8636/GM Korea & JVs +1-254-532-1385
Language: English,#Mandarin

Location: Egypt
Phone Number: +1 855 776 8967
Language: English

Location: GM Korea
Phone Number: +1-254-532-8636
Language: English,#Korean

Location: India
Phone Number: +1-254-532-8636
Language: English


Location: Indonesia
Phone Number: +1-254-532-8636
Language: English

Location: Israel
Phone Number: +1-254-532-6262

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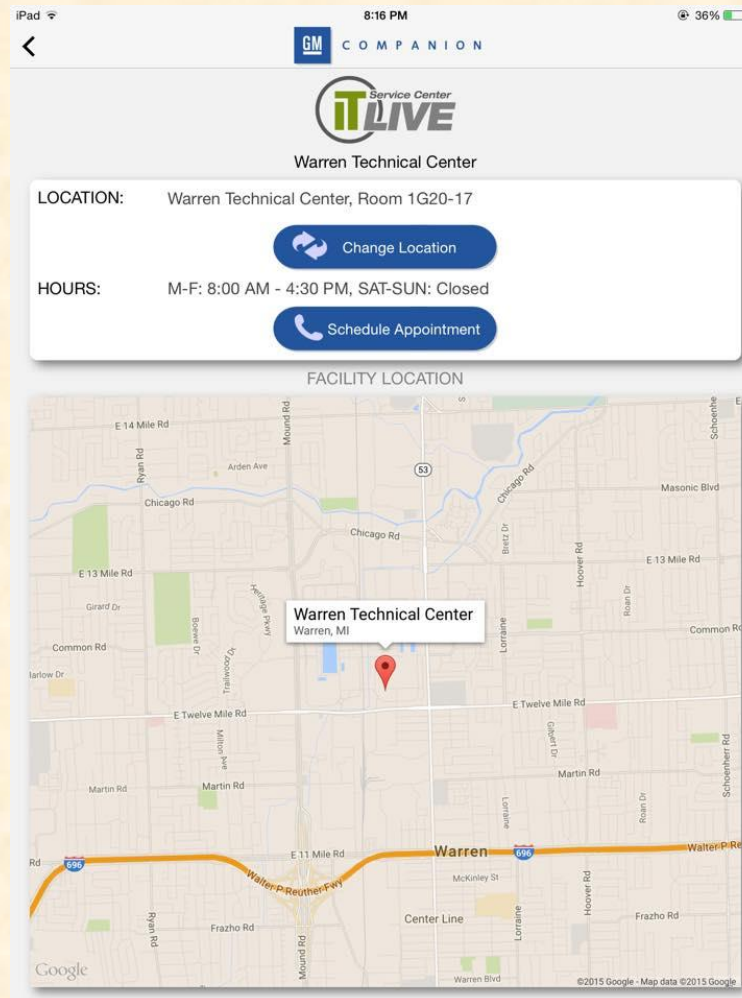
GM COMPANION

CHOOSE LOCATION

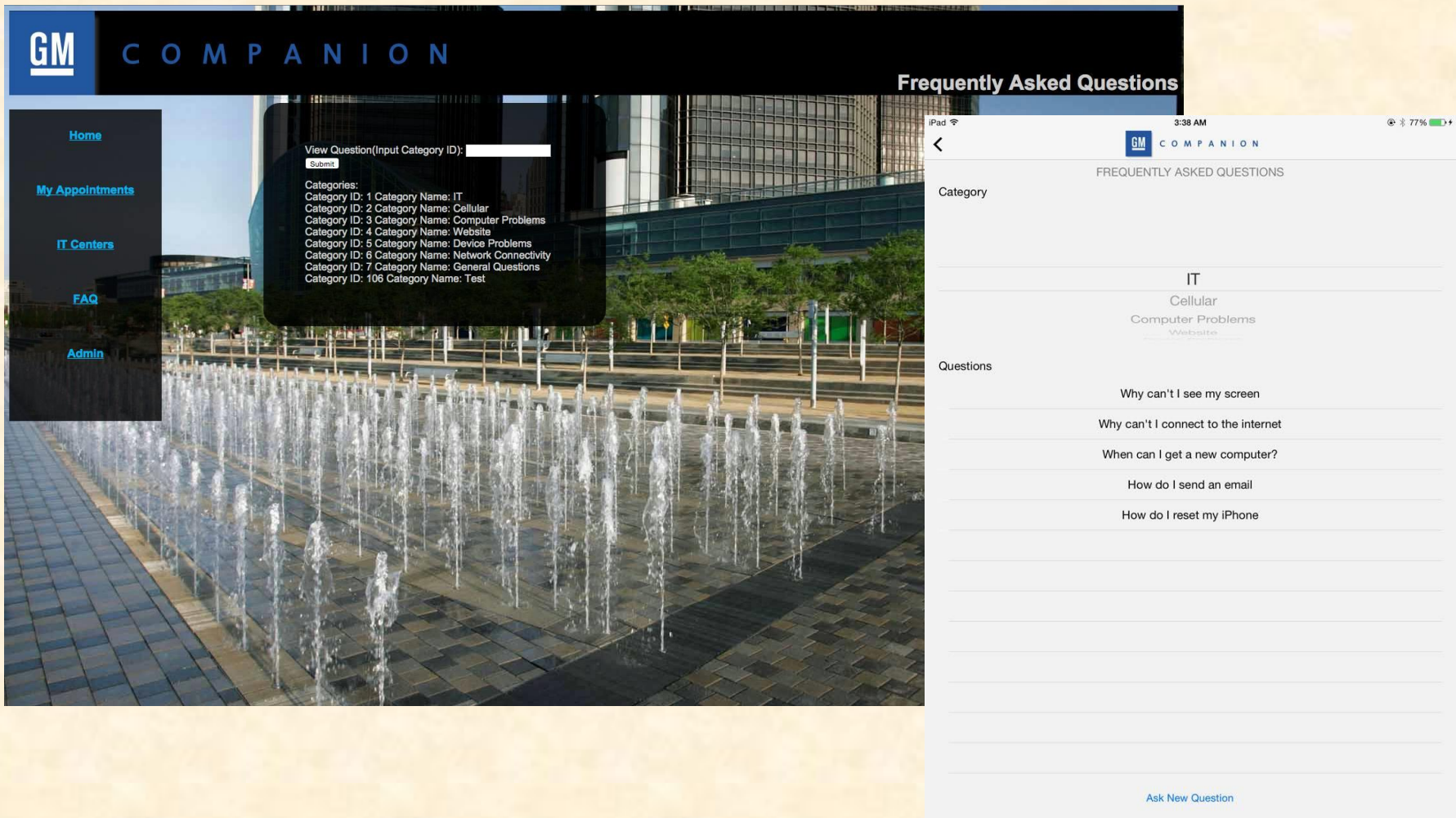


- Detroit Renaissance Center Global HQ
- Warren Technical Center
- Powertrain Headquarters Building B
- Milford Proving Grounds, Building 105
- CC&A World Headquarters
- Austin IT Innovation Center
- Mexico City Century XXI HQ
- Toluca Engineering Center & CCA
- GM Canada Headquarters - Oshawa
- Canadian Regional Engineering Centre
- Oshawa Car Plant
- Sao Caetano
- Rayong ASSY, CET, STPG
- Bupyeong ASSY, STPG, TOOL, CET, TECH
- Bangalore
- Shanghai
- Elizabeth
- Port Melbourne
- Port Elizabeth SKD ASSY

IT Service Center LIVE Details



Frequently Asked Questions



What's left to do?

- Testing
 - See if the app is usable from potential users perspective
 - ✓ How: Hallway testing
- Styling and Layout
 - Make app appealing and intuitive
 - Make app and website aesthetically pleasing
 - ✓ How: Continuously advance CSS; gather further designs from GM design team
- Scheduling
 - Add database-controlled available timeslots
 - Add location services integration
 - ✓ How: Add database-controlled location choice for site; integrate Google Maps API for mobile app
- Image Uploading
 - Enable users to upload an image when scheduling an appointment
 - ✓ How: Build test application with image upload capability; integrate into working app