## SE3050 – User Experience engineering Semester 2, 2021

Sketching

# **1. Manage User Account – IT19184272 (R.H. Gunasekara)**

# A picture containing text, whiteboard Description automatically generated

# **1. Manage Advertisements - IT19115894 (Jayasekara J.T.N.N)**

# Diagram, schematic Description automatically generated

# **3. Manage Company Advertisements - IT19046594 (Sachintha Nipun M.M)**

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Description automatically generated](data:image/jpeg;base64,/9j/4AAQSkZJRgABAQEAYABgAAD/4SN2RXhpZgAATU0AKgAAAAgACAALAAIAAAAmAAAIegESAAMAAAABAAEAAAExAAIAAAAmAAAIoAEyAAIAAAAUAAAIxkdGAAMAAAABAAQAAEdJAAMAAAABAEsAAIdpAAQAAAABAAAI2uocAAcAAAgMAAAAbgAAEV4c6gAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAFdpbmRvd3MgUGhvdG8gRWRpdG9yIDEwLjAuMTAwMTEuMTYzODQAV2luZG93cyBQaG90byBFZGl0b3IgMTAuMC4xMDAxMS4xNjM4NAAyMDIxOjA5OjE1IDIzOjU0OjExAAAGkAMAAgAAABQAABE0kAQAAgAAABQAABFIkpEAAgAAAAMwMAAAkpIAAgAAAAMwMAAAoAEAAwAAAAEAAQAA6hwABwAACAwAAAkoAAAAABzqAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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ADAQEBAQEBAQEBAAAAAAAAAQIDBAUGBwgJCgv/xAC1EQACAQIEBAMEBwUEBAABAncAAQIDEQQFITEGEkFRB2FxEyIygQgUQpGhscEJIzNS8BVictEKFiQ04SXxFxgZGiYnKCkqNTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqCg4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2dri4+Tl5ufo6ery8/T19vf4+fr/2gAMAwEAAhEDEQA/AP1TooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigAooooAKKKKACiiigBKKMZoxigBaKKbzmgB1FFFABRRRQAUUUUAFFFFABRSE0A0ALRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRRQA12K4wM0tGM0tABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRSFqbuoAfRSDmmlsc0APopFbdzS0AFFITSbqAHUUUUAFFFFABRRRQAUUUUAFFFFABRRRQAUUUUAFFFFABRRTC3OKAHbh60VGw4opgS0UUUgCiiigAoopM0ALRSbh60bhQAtJ3o3A9DmloASlpMj1prNQA+ikU5FG4UALRSbhRQAtFFJmgApP4qdSFgKAFopM0bhQAtFJuFJuoAdRTdxpd3rQAtFJuFG4etAC0U3cKG9qAHUU1W7d6WgBaKKKACiiigAooooAKKbuA70eYvY5oAdRSZFJuHqD+NADqKTcPWjcPWgBaKazD1oXHrQA6ik3D1o3CgBaKSjcPWgBaKTNGaAFopNwoyKAClpNw9aTdQA6ikz3NGaAFpKTd37Uu4UALRSUZoAWik3D1oyKAFopM4ooAWiiigAooooAKKKKACiiigAooooAKKSloATHNMK9e1PpGxQAL8qgUbc9elN/Gn0AAG3gUtJRQAtFJRQAtFJmjcPWgBaKSjNAC0UmRS0AFFJuFG4etAC0UlFAC0UlGRQAtFJS0AFFFFABTTTqSgBu2in0UAFFFFABRRRQBHNII4yzHCjkmsE+IpmO63sJbhD92RcAH9a3bhQ0Lg9CCKzfDbK2lQ7RhcsP1NMCn/AG5qTMNulyY92FT/ANrX/lkjTZN3pvFbO4DPbFVX1S1W8W18+P7QwyI8/NSAzW1jUcD/AIlbc/7QqP8AtfVdwH9kkj13iuhBB96Cw79aAOf/ALS1kHI01SPaUUw6prjHb/ZiD0JkqTxB4u0/w7dWMN7L5bXknlR9OvvW6sisoOcinsBz32vXmbH9nwbcfeMnNOM2vbeLe2B9CxrdjuYpHZFdS6/eUHkfWpcfjQI5xpPEDAYgtl/Gn7tdZsbbYfma6DFHFFxmCsWu9DJbfkajkt/EHOye2GfVTXQ/LTFmjZiqupYdQDzQBz/2PXsjF7Bjv8lOaz11toF9CoHX93XQgjtS8UXA5tdN13bzqUYPfEVO/srW8HOrL/36FdFuFJ+FIDCbSdUMYH9qtu7nYKp6rpmvLaqthfLJLuyTKMcV1WaTINO4jg20fxfNEM3sKN35/wDrVDH4f8ZKxP8AacD+itmvQuKOKLhY8/fRvGcigNqdsmGyMA/lTxpPjLy2A1S1BPfyzXazzCFV3dzUqjNFxWOIi0Txeq/NrFuT3xHUn9h+LByNZtxjoPJzXaBdrZp9FwscK2i+L2UZ1y2U5/54GtHwPeahPDfwalcrc3FtcmLzFXaCNoI4/GunbFcj4SYrq3iBQcr9rB/8dFBR2FLTVGKdSAKKKKACmv8AdoyaG+7QBxXxW8XR+D/CdxdyRtIJP3a7GxgkHBqh4V8LtrWg2GpnU7xGuYVlKl/u5FS/GDTRq3heO1kICSXCKxIzjJxmup0exj0HRLa13/urWIJvxjgCq6C6md/wicpAA1W66cc1Gvg2RmOdWuj/AMCrM0/XNT8XeJEewH2bRLNjvlPWc9MfSu7jwo7UuZlHLt4LnDfLrF0B255pf+EPn5J1a5zXVbgOvFGRjI5oEcn/AMIbdr93WbjHvSr4Tvkyf7cnA7cCmeMvH1v4N1DS4LpP3N47IZM/cwM9KyJvisyJFPBod9cWcjBfORDxnvj0p6gbf/CK6hjjWpwfXaKF8L6oo51uVvqorp7eZZoUkGQGUHnrUmBSuI5eTw7qrYK6zIp9NvFOj0HV1GDqx/74zXTUUXGcz/YOqr93Vm+rLSjRtaVgV1YfildLxRRcDn/7L1gqQ2pIx/650j6brTHjUYx/wCuh/Cii4HONpOtqpI1VT7eXSfYde4H26Ej/AHK6Pilx9KQGAtjrSsWN7GeOmym/ZddAz9sg/wC+K6Hb7D8qq3twtnazTMMrGpY49hmmBi/Y9cXcRdwls9NtJ9n8RLz51sfwq/4e1yLxFo9rqMKFI513BW61q5AHWgDmDF4k3EiS1+hFPI8RcH/RSfxro92CBjNHpxmgDm2/4SItn/RR7ZNM8/xNtwtvZn/gZzWt4g1RdF0e7vmXIt4zJtzjOB0qp4V8T2/ibTbe5hJ3SIGdcH5T6ZNO9wOO8WeKvFfh9dO329kguruO23ZJPzGvS7fd5Y3fe71wHxbjWSHw/jB26pCenvXoUf3frzQ9kA6iiipAKKKKAEpskyRxl2YKo6knFOPPFYHjj5fB+sY/59ZD/wCOmgDXGo2zYxOhB54YUv2qLtIv51x/gfRbLU/B+izzxb5GtY8tkgnA71u/8IvYK+fKP/fZp6dQNI3kS4zKoz05pDfW69Zk/wC+hWW3hPTCwJjYkf7Zpf8AhEdMOP3Bb6saPdA01vYG5EqkexFMfVrWP708Y+rCqSeFdPhbckG0/wC8ajl8HaXccvaq5zn5smjQDQ/tS0ZiBcx5/wB6my6pbJj9+h/GqC+DtLVSv2YY9iacPB+lrx9m4/3jSAupqto3/LzGMf7Qpzatabci4jx/vCs5vBOkyL81op/OkHgvSF6Wa09OoF9tYsdv/H1Fn/fFRtrdhFnddxD/AIFms9/BGjf8+UdIfBejqy/8S+M++KNANP8Atywk2gXUZB/2uaf/AGtZjgXEf/fVZ3/CE6Nu3CxjBPtSt4P0k8fY0o0Auf25p6sQ93Gv1YUh17TweL2H/vsVTbwbpDDBsY2OfSkk8C6HI3Omw/lR7oFz/hItOVcteQg/74pjeKNJVWY38P8A31UA8DaKqgDTocf7tJ/wgui5JGnw/itL3SdSyviXS9oP26DH++KbJ4q0qMgNqFuP+B1CfBWisTnTbfP+4Kd/whujBQP7Ntz7+WKPdD3h3/CW6OpAOoQZP+1St4s0jft+3w59d3FJ/wAIho7AbtMtsjp+7FO/4RPSQvGm2w/7Zin7pXqM/wCEu0ljj+0If++qb/wmejJjOowj/gVSL4T0lc4023J/3B/hTv8AhGdLKgf2fbj28paXuidyv/wnWh5A/tKEn60jeOtDV8fb4z9Ksf8ACMaWvTTbb/v0tNk8L6Sw5063B9oxVe6LUls/EGnaldCC3uUllxu2g84rVX07VwGk6dBp/wATLlIIFhQWSsNo9Sa71GzkehpMZJRSZpHyRxSGOopq5xzTqACikooAWiikwaAFooooAZKNy4rH8PMI9PZB/DI4/WtiTpWLoOGjvIxyBO1MDkPG3xEmCy2ehQyXcsLhZprcFtnqPrWVoWuWumzx6hNpWpXepsCfMZfz61dm+HeveGNcutR8M3kP2a5cyS2F0PlLHrg1u+EfEGsahqU1lrGkfYmRcrcRn5DjsKu6tYXUik+JUsabhoGoEeoUVueG/En/AAklvLIbO4sjG20pOuPyra8sMOlO8sdehqdAPEfiLojeJfira6XI7bJLIvEN2Ajjow/HFdHo3xIi07wkq6g+dWtibU24++8g4HFVdc065Px60O4ETm1/s+TdJtOAQeme1dkfAOjSeIF1s2ga+/vE/KTxzj1qrolJnE+DG1PT/idcrqFwznUrFbhoeyMMDA/A160rivPNStZYPi9pFwsTGCXT5IS4XgEEY59ambxg2mePdXtr66WKwhs45Y0buxznFS9Rnes3YdaPurz1rlPAXjD/AITC3vpGj8pre5aIDH8PVT+NdVLkoc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lKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6g4SFhoeIiYqSk5SVlpeYmZqio6Slpqeoqaqys7S1tre4ubrCw8TFxsfIycrS09TV1tfY2drh4uPk5ebn6Onq8fLz9PX29/j5+v/EAB8BAAMBAQEBAQEBAQEAAAAAAAABAgMEBQYHCAkKC//EALURAAIBAgQEAwQHBQQEAAECdwABAgMRBAUhMQYSQVEHYXETIjKBCBRCkaGxwQkjM1LwFWJy0QoWJDThJfEXGBkaJicoKSo1Njc4OTpDREVGR0hJSlNUVVZXWFlaY2RlZmdoaWpzdHV2d3h5eoKDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uLj5OXm5+jp6vLz9PX29/j5+v/aAAwDAQACEQMRAD8A/VOk2g0i5Ip1ACUtFFACUZorn/F/iiDwlosuoTK0m0hEjUcsx6CgDoN3ejNcNo9v4n1yxF3eaimmCUbo7eKIMVB6ZJrsbZXhhSN38x1XBbbjJ+lMCzRSUVNwFpOfWiimAc+tLSUm73oAdRSZpvmBiQCCR1oAfSN0NFI/3aAKt9fRWNrJPcOI40XLMfpXPL48swFkmguLa1Y4FxMmFHpn61kfGqV4fBbqjENJPEp2n/aq/wCI/EGm6T4TEcxWVpoRHHbryWYrwMfWqsK51drdJeQpNE6yxOMqyHIIqzmuJ+G8L6H4Rs7W+lWGc5fypHG5Qx4FdLcazZ2cwhnuYopNu/azgHGeuPSkBpUVTsdQtr9S1tPHOnQlGzirOTk0hjiaM1i+LtYfQPD99qESCSS3iLhW6GsmHx1Fa+CLfXtQXyjJCJDGv8Rx0FOzEdhmoGnWPG9gueBuNctdeOFk8Ct4is4Sw8vzFjbtzjmuNv8AyfFPgW+1y7laC7fc0LKxBUjgADvT5WK57CG4p1c14Durm+8JaZPdkm4aEbywwc/SulqSgooooARqbH7040i96AHUU3dSeZ7UALjmuc8ZeFY/F2mraPO1u0cglSRQDhh7V0e8VQ1a3mvNNmht5vs87qQkrDIU+poA4i+0fX/DOmyXqeKPNjt0L+XdRoFbvgkYrY8FeL5vE3guLWJ7U2zsjkxY4O3IyPY9qzh8P9Q1xUTxJqw1C3jYEWtsmxG/3j1NdrBZw21utvFGqQqu1Y1GAB6VWgjzrw58RbhfAt5rWoPHNd+ZKYrdD0APyg4/Wqz/ABOuNWs/DsaGPTn1ZS0lw5+WIDIwCe57V1s3w90eO3vEs7ZLSa5jdDIo6bupweKgsfhrpcfhW00S+h/tCG3HyyScODnOQR0p6AjL8aeI38I2enWUF63mX9wIzdzMD5Qxya3tPRNJkLNqxvpZYztidwcsOcjHaoLf4Z+H7VGRrFZ1fj/SGL7fpk1d0fwTpOgyJJaWuyRRhZGYsR9MmloLU4fS/iReWfhHVNRu5I5tVWd/LsM/MihsDPfGOa2dY17WNW8O6ReaZC3l3QV7mS3ILIO4ANdXJ4fsJmmZ7GDdKpV22AFgevNPh0Oyg01LCKERWqDCopIAoCxx663JfaPNB4bZpNRQgTx3cmJI17nBPU1f8B65Zag17ZIZk1K0YC6WZtzA44ORxitax8I6Vpvni2tEjNx/rZFJ3Nj3zmp9G8N6bobTPY2cds8xzI653P8AUnk0Aa6/do/hNG4Dik3A8VJR5h+0Mkn/AArW+njyfs0iTNg4wAef0rR+H+gabeeEtK1G3t1a4mtVdJpct8xHUZrs9S0221WxltLuBLi3lG14pBlWHuKdY2MOn28VvbRLBBEuxI0GAo9BV82lhWPHZtC163tdShutKl1DWJZy0N+pzGFzwPbFUfiDbz6b4/8ACl5e26ziaFYJFJwpYdRmvd2AH+0fesHxb4N0/wAZWcVvfo22GQSxsjbWUj0pcwuUwfDvhPUrbxPeX7iOw0+WLYtrC+75v73tWh/whd/9uSWPX75YFOTAdpz+OM11MMQghWMcqq49alyPSk2xpWKOoabHqGnT2Uw3RSpsNcfH8M5PsckFxfteRJEyW0UifLGT0OB1x713+4GjcKFJ2A4PS/BVxpfw8l0K4mWWXy5Buj4BycgCua+C1tZa1oF1bX1nmawumjPm529cjAr11sHtmo7ezhtd/lRJFvbc2xQMn1NVzPYVh8cYRAAoVRwBU9IOlLUFBRRRQAU1qdSEZoA4vxZ8QY/B+p29veWkhjuiEhlXoz5+7WgfEV8se4aRcH8q4v44RK974W3/AHftwxjrnIr0pn+VVB28c1dtAMNvFFwYSV0y68zGQPL4p7eJroW+7+zLgS9MY4raWNscMMfSkaNiMsdwz0pBYwP+Ek1NlyNJlNJ/wk2rIedGnYe2K3D6Din7y2FBP1qgsc//AMJVqKkE6Lc7e+MUyLxpf7336HdBB904FdB5ZU435oaMlg27A9KQrMwT40uXB26Ld9PQUweMr7ap/se4GegxW3Na+aAN7fL83yHFNjuEjkQsrdehp6C1MseL72PLSaLd/lUS+MryRsDR7wenyVutrSCQotu7kdaWTVBGozbtljgCloGpg/8ACcXS4EmiXqDOD8uacvjmVcl9IvAvqsea2LqSSSZCyuqY42mkgheFTtLvn1JpC1Mz/hPItu46dffTyqkh8cwTKxNleLjsYTV1Y28zcjPn+6afJDM8YzJj8DSDUz18ZHzP+Qbd7McHy6Y3jhFzvsLxPrCa2f8AUrtX5hjrzVNtN86Qs7++3PFNWHqZy/EC24Elndqe/wC6/lUj/EGxjGTbXg46+ScVoy6baSKQ0WPcN0qvNZ2SERbHfjPWnoGpQt/iVYXGQtteccn9yeKbJ8TdPjU/6LfFh6Qk1Yjjs47hmjjKkDBBFXbMRzQ7o49vbpyKNA1MyP4j2MhH+jXaj1MJq0vjqxOCYbr8IWq9Nb+YpBJBb0qv/Yw2ndKwGeCtP3XsPUhXx3pzNgpcgD/pi3+FTJ4306ToLgDPBMDc/pTI9LMbMPtJYE5yRWlaJHb26pu3lRnc1K3YNbFHSfGWn61fPa2rSSOhw7BCFU+hroq85+FUnnf25Ljbuvmx9K9FFSxi0UUUgCmnp706m/w0mB5h8aF/f+GHwPlv16/hXo0IjkCnGeP6V558aWMcOguRlVvV6CvQ7eLEalemP6Vp0F1JGwDjpRnbR5e7rxTWVlXOMmoKI/ODbiFprTMqkqgOPalVZGAwMEUu2bIA/GmIZFOGj3FMGmTTbCDsLbvQ1MtqzHLEAe1OazG0AHmgCvv5AH3vr/jSC2R/mOD9TUvkLn5huPrTls0PUflVFDIlhhfOVVsc89KlZoiBgqfc0yTT4XYtjk0sdlGueCc9aQgbbtAGHpmWUggcVZFuoXA4qP7KFbIZiPSkIYHPmZC8etEm5h95uelWI1HPFPZeKQFDDIoAlwfcVGu5clrhWA7bautCG9aZsjjbkY/CgfQo/ag24+coX3HWpFRZJY283PrtAxVry4JMrhT+FMSxgj+4mB9KYuhI0MT4LICB3GKVY12kKMfhSxqq8AYqReppARNbjnmk8ncCtTjPcYpnHr0oKKjWLFj+85HYUTWO63Yk4+XtVnfubCk0l0xFrKehCk/pTW5Jw/wkgH9m6jIDu3XbgV6FXB/CeP8A4p+ZgMbrqRv1rvKctwCiiipAKSlopMDzT40Y+y6GucZvkr0e3/1KfSvOvjNCzWeiSr8xjv0+X1zXoltnyEzx8o/lV/ZQh+3HNG3n2pW6UtSMZ5fvQy96fSEZoAh/iG3pT84oCjtxTtoNADAu6kZlXipMBaQqjdaAIWmXFAmBxtqTap7UbF/u0xgG4pGZs5HAp4UY6UvljpQBEJh68+lSKwfvmmSQq4PGPemxoIFwKQiXaFHWq81ut1jJYAelWutGMDA4oAoJZrb5KbmP+0alHm7umFqx5Y7jNOoAh5z0NOx681Ifu01VoAZ83pTSxXnBIqVhkdaaF9OaAIWnCnG35jUWqyhdNuT0PlsP0qwyAsPUVna5ldJvCc8RN/KqEZPw3jWLwzEE6GRmz6811wrl/h6oXwvahRwSxGfTNdR2pPcBaKbk0UhjqKKKAPOvjExWz0UjPN8g4+ld7AwEaDOTtH8q89+NUoj0/Rtx2j7fGc16FBGrRoT6D+VU9iSftS03aKdUlBTWzt4606koAgk38FcU5TJu+bpSsygHPAoBDDg0AMl3nG0j8ab+8Cg9fXFPkA24pu0NgAng0wHKrEn0pAsnPzd6buKFiOR2p0bFv4aAEbzR0PFIzTbvaiWZ41GE31DJqiRrgg59qAJfMlUkkUxrhlbmMketW1YOqmlAX60gK8buyh8nBPSpVbdT9opcD0oAYrfN1Jp7NikbCjmgYxxQAK26lpufSo5JljZQWwWOBQBKT+VNBySKNtOVcCgBeKyPE7BdB1An/ni38q1GXmsXxkwXwzqHOD5RFNbgQeAVA8J6eeclP610tc94DG3wrp4P/PP+tdDQ9wE2iilopAFFFFIDzT43oH0bS8jJGoRDPpzXotuw8lACPuj+VeefG9Wbw/p5UZP2+HPp1rvrPH2eM4/hGfyq3siepOxOODUZdlX3qVlPrTGXcCOakob5hNNaRg2KcsJHG7NQyERtjDMfWmAklx1GDTPMdQdpFRk7v4sZ/A0DAbjrTES+Y+ATihZGZxzjnmo923H7xc+4oEgkY/OM/SmO5ZV/m6ULMFbkgfjUTKQcGRR/OnKY2UYCkj2oE2WThhjr64qD9ysnRdx7io5SecHaaZH5e4EH5qkEXl6Gkdl78UIylTjtUTn5sZ5p6Fk6sPWgtj6VAvy4Oak5daAJN3y03d70zy2GPmFSbQvbmpJGbgTgNzSZT+IqTSeTnODimNaDAwec9aAHyOP7+KFmVcDfuNL9nwoU81G0MaNxQA9LkMTk1g+PLryfCuoMu1js71tSR7lwgUD1rnfHSC18J3ob593+NNCexqeEIxH4a09V6e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# **4. Manage User Reviews - IT19177410(Madhura Mihiranga H.N)**

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letter

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picture containing diagram

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AgICAgICAKICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgICAgIDw/eHBhY2tldCBlbmQ9J3cnPz7/2wBDAAMCAgMCAgMDAwMEAwMEBQgFBQQEBQoHBwYIDAoMDAsKCwsNDhIQDQ4RDgsLEBYQERMUFRUVDA8XGBYUGBIUFRT/2wBDAQMEBAUEBQkFBQkUDQsNFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBQUFBT/wAARCAHFARgDASIAAhEBAxEB/8QAHwAAAQUBAQEBAQEAAAAAAAAAAAECAwQFBgcICQoL/8QAtRAAAgEDAwIEAwUFBAQAAAF9AQIDAAQRBRIhMUEGE1FhByJxFDKBkaEII0KxwRVS0fAkM2JyggkKFhcYGRolJicoKSo0NTY3ODk6Q0RFRkdISUpTVFVWV1hZWmNkZWZnaGlqc3R1dnd4eXqDhIWGh4iJipKTlJWWl5iZmqKjpKWmp6ipqrKztLW2t7i5usLDxMXGx8jJytLT1NXW19jZ2uHi4+Tl5ufo6erx8vP09fb3+Pn6/8QAHwEAAwEBAQEBAQEBAQAAAAAAAAECAwQFBgcICQoL/8QAtREAAgECBAQDBAcFBAQAAQJ3AAECAxEEBSExBhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElKU1RVVldYWVpjZGVmZ2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3uLm6wsPExcbHyMnK0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD6EjypI6Gl2l2w3Ap20rnj9aBndgdMV1GYjfSjcNvTn1peuSOQOvahYw3JJxTEMHzcgUcdT1HSpiuM9MDvVaTHI7ipDW4snfHAHaq7MNuaeeOvP1NMcDawFIoNx6dRx1pNzZUFiR6UrPuwOgoVvl460APikI6etSBvmwRSEKpBBBpFm3HBHzUASDseijrUiMqtwQfTHpUJkGSSMVEszMflPA4PFBLTLm4LjB6UiyFY8lt2OtVRJzjt1OaFZmU4IBpPzHbuWGuB0VjtqOOTazcmozg8496FLDv3phZEnmGRgehHHHepNx2gDpjpTDIEbBX8qd1UZGD39qBjGbtxntUm7zG3AbSPQ02RG6gZxzijaVB5xmgBNvBGdxpq52ltvPT609YypOAQfepVjP3sbueOaAK/l/I2PlJ9+tOWNvbb0NTGPP8A9fjmnsq7gSMDGDj1oArY6E849KkAPTYcmrPk7sNgc01FcMRnocL60wK+xlxgENUsMe7G8M2OgNWWUYy2eai29k3AZxzRYj1IZF8v5O1NWBWbpyKsjIQg/n3o2hGJAJU/3ugpDvYrfZwNxZcHjb6UNGWVRuOVPFPkuIo7qOKSREkbO2NmALY64HtUpznpgigOYhlXbKFySM4oqRmB57jqaKqwEQTcOv4Uya4ghJDTxo3AKs4B649assoOMcj0ri/iJZx/2v4WZUj2XOoLDdKQCZU2HCn2BouNHRnWNPVyJL63RiOP3oxQ/iDSolXdqdmM+sy/40h8MaTH8g0u2XtzEM/nUf8AwjukL8/9m2gP/XBf8KQyKbxdoUec6xZY7jzhVObx14cjznXLEnHO2TP+etaB0nSwSf7MsgTwf9HXn9KRtM09VJ+w2o7nEKf4UhrcyZvH3htBzrNtj2JP9KrzfEbw1Gpzq0RPXaEfP8q3fsFntOLS3w3X92v+FKtrBGo2wxBR2CCgehzjfEfw9gsL8sucfLC5P8qb/wALM0JVYpJdvzj5bOT+orqFVOMIg5z90ULtzwVByegxQLQ5X/hZ2jqHbF6w9PsrZpI/iXpu75bHVH3dP9DYfzrrEVl7gjOeKXLlgckn1oDQ5j/hY1kyA/2fqvv/AKG2aT/hOoMlk0jV2HqLU8104kfoCSfSnIkpySc88ZoDQ5eTxwOFTQ9WJP8A0xx/Wn/8Jlcrgf8ACPaswJ4IiFdfHbsuAx+mOamSFW456VNhXRx48TagwIXwzqntu2gfzpw8TakVkdfC2pMd2AjMoJ9x7V2PlhfcdfcU4qJOCc5PQ96aFdHHr4g1ZmO3wtfH6TIce9TR61rLRqU8M3R/2ZJ0H6112AqYGTjtTNvJ+YgUw5kcuusa8uWPh5g+eM3K4x2NTLqXiJkDHQYlJP3WuwCfeulMYUY2/WlZAGbbSFdHOtfeI9ny6LAD1+e7HNC3niRv+YNZqo5Ja6xXRKvykMNx7E05uA365oC6OUa68WBT/wASvT1I6f6QWpRN4tZhuttLj5PWRj/Kup2hs8dTk0z5Y2Yt83PHHAp2YXZzv/FU4UldLVucHDkAduDS7PFW3H2jTUJHPynOfyrpNu7djkCkkQHBAyc5yaLCuzl5YPF/JW901UP8JhJwPrSLp/i98f8AEz02IZyWWAnH4V1bKWjA7Y79ajx5ZPOfXFBV3Y5SaDxXGvy6pprueMNakE805dP8UFVMus2sZAOVht811ZUMQSAcc5I5HpUbIerHAHUgUibs831LRdc/4Sjw40mqxSXQmkdZPLCqsYRsjp1YZFehhWEjED5nUD07k/1rB1Zc+KfDswIJ82QDnnHlPXRbe/PT8KaLY3AbAJC9j3op2RImCMcDtRVkDC6xjGMe9cJ8RrqaPxN4LijKmA35dwVyMgcfjjNddvLNk8HOOelcf493N4i8HKAQDqBBx/uHmoKje52D3yeYQPXp+fNQecxPXjNN25pduenWgoDKQ2eozUckh53YFPZOQG/CkX+EYIPegQR4UZHelOF5xUvl/LmnpEvB6etAEMa+hwuaf5BDEircdtjkDI6/N0p/2cLgZ+bv70E8xUWMsue1KsO5iAcY71b8sKwBPB/Cl2hc44oHzDBGqsPlwadsC8dSegprLvxu49x1pVj3KAM+w71VhEqruzgYGeaBuXJHI6dKdDgKB15605uUK5wD6VNyeg373b60Fdy54GPenABs9vx5pdoVSMDjnNPRBsNMnznA4okx1AxnrWTq2uwaRqelWs6yM+ozmCJkxtUhc/N6Vq9uhwO+aVkBJ5nIA5JpJV2yBgT78VGrbJATtOPWpFPOQPrSECyOCR09KlOZOvXvmmp8uSQcjnNDKfn2Hk9zTQDTyxwwz3Gen1qOW6it2iWWWNHlJEalsFyATgevAqSOMISygBm/i9cVymqW6XfxD0mNlylpaSzr6Kx+XI/PFUUdX5jNn5e/JFOI9Dimj5QoI+tOO1cHPQ0xjlbr3HvQxUqc4z1z6VGZt7HaP0p2NgJPLHjgUgGLGgkYq27nnNEi9eflpdufm79KdGm6YAng8Z7fWpJ1bOf1pVXXfD7d/tMo/wDILVssA2AT3rI8QFrfWNBQ4LG6kxx6RNkVsMoZs9Mn07U0aCHcrbuOD2op20q23ggdMUU7kGVH9cH2rmfFif8AE+8JPjJ+3OP/ACE3+FdIoLMMfhXPeLlZdU8LsPvLqI5/7ZvmoNEdDH83WuU+I3jiHwXo83llX1F4y8SYzsXvIR6CurjUqMNgsPTtXMeOPhrZeOWtbxby40nWbL/j21G1bDqD1BHRh7GmHU4HwL8W/CWiaL5d94xl8QahPI080iwu/lsQPkUAcKMAfXJrqLf43+DZCqyahcWm7kNdWskYP4kVp+CLXxZpd9PY69aaXcWkcX7jVrLajzHP8ceOuMnNdpJbRXChZoY5Vz0kjUj+VILoxtB8VaP4ojlbSNRt78Q7fMEL5K56EjsDW9DCWU45ANV9P0mw0xHSzs7ezWRizLbwrGCfU4FaKqiLgYJ9c0yHqZfibVjoPh/Vb/lGt7dnVtm75sccD3xVXwXq0viLwvpGpTsry3lrHPJ5fCliOSPxzWreRGbTLvlctG6jce+PSvGPhh4ouvAfh/ToNaiI0C9Z2s76MFlgO8go3cDPal1KS0O78ReJNS0/4jeGdPDbNGvY5knymd0oB28+2B+ddZ5m5iT/AJ9a4T4galBcXng3ULS4guIk1RR5sb7lwwwenepvHPimTS7yLTUvrfSBcW5f7dMhbDbtu1ewYcnmq6XJZ2vy72RZELr1VW5H4df0qlr7ar/Zcp0QWx1HKhPtefKxn5sgHnA5rzFrTwx9u0yPwjNPfeIEuo2eaBpGJj3ZkaUn5eRn9K9fMqqzALgA4LAjGP8AChO4HIrpnj9cFtZ0bPotoc8+44rN0vVPGWoeJ9X0aXU7GCXThGQ/2XKyBhkEc+tdNrHjzQ/DupR6fqV6ILto1kEXls3ykkA5AOOQevpXJWfi7TLn4mare2Qub2KaxihZre3dt0gY8enSpKO+0iO/itJP7Rnt5pA2VlgQoCn+0CevWrkd1BLMYlmR3AztDAnj2/z2rA8caTf+JfB9/p1g6wXd0iRkuQCilhuz77c1iah8PbLwzptlf6T9qGp2csYM6uzNMrMFYEenU/hQTyj/AIpahZ6XqHhV57lEkjvxL5fWQqB1C9TzxW9qPi7TtK0k6ldvLFAW2xq8ZV5SegAPvVHxZ4ZS91jSL+C33X32uNJZl6iJQTyewGT0x1rO8ceGdV1TxBZXcNjHqunwQlEs5LjyQkhJ+Y+vHSjULG74T8Qf8JToY1N7U2YLuoR33fKDwc4HWjTPHuh6tMkNreh3bjZjJHPBOM4zx+dU7XTdevrUwXps9HtfK2JDZAu3TG0seg+nqas+D/B9v4Q0O3sIdsjp80s6rgyOTknn8PyoG0kQah8SNG0+S5iklmDxSmIRqm5nIIywGfugkcn3xWjd+L9KsPDya1Jc77WQfutoO+Rs42hfXPFR+GvB9n4akv54x9pu72VpJZpBztJJ2D2Gf0rnZPAer215p1xYtY3Atnmk8i7DeWjOxIZAO4H5YFGtyU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mOAAPf0rjPhbA/9i6pc7t0FxqVxJFt67S2Px5z+dZmoappur+MdWtNb1CKz03STHElpJJtE0jLuLH1GDWs3xE8J6HarBa3QeGNflis4Wb8BgVIyC41eDwr461W71ZJ7axvYoY7e62bovlHIJHTBJ612qsskaspVkYBlccgj1rgtW+Iz6/ptxY6N4Z1C/luF8vddxLHEM92GecZ9q6zwnotxoHhnTdPvJzc3EEQV37ZznA+nT8KYi5fc6feDv5L/wDoJrn/AIWs7fD3RHU7iYmyP+BtXQ34X7Ddg9PJf/0E1z3wn+b4e6KVyAYjz0/ibmmPoddEy4O5gp96KTbgHHU+tFIQ5m4IxgHnd3pkk4gUuzqirzuY4AxSt0JPeolXzCBJjZ1wRnNMSMLSZvDttqV9NYT2cd7fMHufLcBpSowCR0z7itOTULOEMXu4lCjn5gcD1q01raqwdbe3DYwGWMbh+lRfZIXXm3i25+6yiqD1M+TXtL83B1C3GFAC+YoP681H/wAJXokJ2HV7dXzjIkrSXT7Xdn7LCT3IQZqCbSNPkJ3WFtk9T5K8/pUvuVdFIeL9Dk+RNWtCegG/inp4o0bH/IXtP+/oFSL4f0oDB0y0PYZhFKfDOjt/zCLIeu2BR/IU0xaAPEWknldUtPr5y8VYXXtNaNc6jalc8N5oxz25qufCWicEaTaL3+WMCo5fCWiFTu0u1I94xVBoXV1bT+Nmo2p9xMv+NSf2hbPgLdW7LjBImU/TvWU3gfw+2T/ZNsOMZC//AF6hb4e+HXUIulxgYxnc2f50CepuLcRSYK3MTe4kB/z/APXp8bJu5lQEHn5xXNy/C/wzIc/2eyH+Hy5nX+tMb4W+GmUD7NcYB4C3D8frRoI6wLvbKspDdTu4rjvE3hW+03Uh4i8MxRrqihhdWgGFvEPUEeo6g1KPhXoKtmNbpB/dFw2KkPw00bdxLfKP7ouWxUu/RDVu5c8H+MrDxrYtNa5gu4flurKT/WQP0wR6ZB5rd8s8/Lg9QAK821r4F2F5cC70jU73SL0DDSrIXEnpnPpz/kVkSfBHxLcL/wAjnJ0wTsfP/oXX6Yp83kO1z1S7urfT4GuLu4itYu8k0iqv6nmuAvNWg+LWvW+k6ZuufDWmzrcaleKP3c8i8xwrnqO5/Co4PgDpsqqdY1vUtYlX7okkxGOP7v8A9eugs/h3FpcCWunapf2dun3Yo3AGfwH+cUuYGtDrWXc3K8c4Gen6/SoirEHjI7Vyq+Bb6Mhh4p1Qc5xkGpI/B2p24Yp4nvgW7uA340XEdPuCgKTk/maX7y8cjsTXKL4V18EkeJ5wTjrCD0/GmP4X8SjaE8VOvXk2qnsB60xHXqzduRRvDdelcgPD3i2POzxTGT0BazH54zT49H8ZRcjxJZyE5zutOallHU4GQOgp235ckZrlP7N8YrhRrljIR/E1oVzUn2Pxlkl9S0xgOgFuRSBI220HTLi8mupLC3lnlK75HjBJwMc1ZWytIZMxWkCY/uoBXLqvjfcR5ujgDp8rnNPjl8bBSvl6RI394FhT0W47HX+c7biBkds0xyOcda5CS+8eQwsf7O0idu2JmGKj/tvxvGp3eGrGVgB9y6/+vSv2Cx1d2oksbpM8PC4JPHaua+D8gm+G+hupziN1IPUEO2RVaTxZ4uWOUP4QQ/IwLJdg9vQHNZnwD1Jr/wCHiB4TAYruddr5zjdkHmi4HpjNwODmio4vlzgcdaKYhx+715NIxwARkHpzQ8jDI6DPYc0xsbhQSG7djjpxR8+75kPtRHtBKkMMjqOlMZsdB045qiVqxdx3YFNbj1pclQSowx9qaV2k5bPPNBYfd98Uu4sACaPLJOc9e1Hf3BpgSduKd/OmBT0Y/KaOvAPTpQSDDoelIud1BB/H6UinbkGgZKAW78nrTFyrHB7+tO5DHj6UY28gYGeaRNx27/69PxnoKj+vrxSZLEc5phck9s49qcQepA/AUzsTg8daXPvSKHZBUkHFM/nTXkKqTtLn0HFIrBTk/l3oF5km0deg/nTXwreox2pGYttO5jjt2pvJ69aBXuOz1x07c0uKaPoMUDODkc0DEOC2P6UgU/T0pdpC7sZFIudoJwD160DHc/iaVWV8rj25phPzdc+mKOevagBzMI1I7549KVW2rjkj60zqgOPoTSr29akYq/NwBTg20A4BpFG5sml2/UgUALvKgYOfbNRrDGFG2MR9/kGB+VPwA3cihlHNFguNHzeuaKTkr14ooAesY4PrTHYGQgDGKKKEDA5VevHpTWXCjJzgelFFUSRqfM5yePenZxj3NFFBQqjdkHkdKVV28ZOKKKCLi87eTTM7cHrRRQWHv6U5W/ecjIFFFXEBW+8eOR0p0TGRSTjjsBRRUkMG+bH5Uirj88UUUiEL91eOM9acrHqaKKC0JI2VxjPFNH3voOKKKCg3bTgDr1oQZ6cUUUCfcXdjj0p2OhzRRQIGwwPHPSm/eVmwML2oooGhH+VVP6U/aCrZ6iiigYzJxQo3GiipKJFba23rTmcr070UU0IWNsoTj7tM3bs8UUUAOCDiiiimB//Z)

# Wireframes

# **1.Manage User Account - IT19184272 (R.H. Gunasekara)**

A picture containing shape

Description automatically generatedShape

Description automatically generatedA picture containing application

Description automatically generatedTable

Description automatically generatedGraphical user interface, text, application

Description automatically generated

# **2. Manage Advertisements - IT19115894 (Jayasekara J.T.N.N)**

# A picture containing diagram Description automatically generatedText Description automatically generated with medium confidenceGraphical user interface, text, application Description automatically generatedA picture containing diagram Description automatically generated

# **3. Manage Company Advertisements - IT19046594 (Sachintha Nipun M.M)**

# **Graphical user interface Description automatically generated with low confidenceGraphical user interface Description automatically generated with medium confidenceGraphical user interface, application, Teams Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated**

Graphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generated

# **4. Manage User Reviews - IT19177410(Madhura Mihiranga H.N)**

# **Graphical user interface, application, Teams Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application, Teams Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated**

# Prototype (high-fidelity) v1.0

# Prototype v1.0 Link - <https://www.figma.com/file/St8R6AvE1XTK2VuA6PKKo0/LAK.LK?node-id=1%3A3>

# **1.Manage User Account - IT19184272 (R.H. Gunasekera)**

# Graphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated

# Graphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated

# **2. Manage Advertisements - IT19115894 (Jayasekara J.T.N.N)**

# Graphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated

# Graphical user interface, text, application Description automatically generated

# **3. Manage Company Advertisements - IT19046594 (Sachintha Nipun M.M)**

# **Graphical user interface, application Description automatically generatedGraphical user interface, text, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, text, application, chat or text message Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generatedA picture containing text, screenshot, iPod

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# **4. Manage User Reviews - IT19177410(Madhura Mihiranga H.N)**

# **Graphical user interface, application Description automatically generatedGraphical user interface, text, application Description automatically generated**

# **Graphical user interface, application Description automatically generatedGraphical user interface, text, application, chat or text message Description automatically generated**

# **Graphical user interface, text, application Description automatically generatedGraphical user interface, application Description automatically generated**

# **Graphical user interface, text, application Description automatically generated**

User Feedback for Prototype v1

*User Testing Script*

Hi \_\_\_\_\_, thank you again for taking the time to participate in this study. Before we begin, I’m going to give you a brief overview of the test and how it will work.

This session is pretty straightforward — I’ll be giving you a broad task to complete and then asking questions as we go along. Before I tell you the task, I’ll be giving you a little bit of context behind it, such as why you might be doing it and what you hope to achieve.

It’s really important to know that we are only testing the app. Please feel free to let me know at any time if there’s something you like, dislike or confused. I promise you won’t hurt my feelings.

Also, I’d like you to “think aloud” as much as possible. By that, I mean that I’d like you to speak your thoughts as often as you can.

If at any point you have questions, please don’t hesitate to ask. Do you have any questions so far?

Ok, Let’s get started.

We have given you a link with our prototype, you can go through it.

First of all, click the ‘get started’ button and start the application. Now you can see the ‘sign up’ page. Then click the ‘Login’ button to navigate to the ‘login’ page if you’re already have been registered. If not you can fill the necessary credentials in the sign up page and register to the application. Again you can click the login button then you will redirect to the ‘home’ page. You can go to your account by clicking on below right corner icon on home page. Then you can view your profile by selecting ‘My Profile’ and edit your profile and save. Also you can log out from the application from your ‘Account’.

How about your satisfactory level and your honest opinion about this process?

Here you can see the latest Ads that have uploaded to the LAK.LK application. You can search any ads from search bur if you want. Also from right upper corner you can filter the Ads as price or according to the time duration. Then at the top you can see the number of results and you can view all the ads by simply scrolling down. You can view all the details of an Ad by clicking the Ad and you can call or chat with the seller.

To post a new Ad you need to click on the add button from bottom of the home page and you need to fill the form and click next to upload the images. Finally you can click on ‘Post Ad’ button to post. You also can go to Account and click on my Ads, then you will able to see all your posted Ads.

What is your recommendation about this?

After that click the ‘profile icon’ in bottom navigation bar. Now you can see the ‘account’ page. In here you can click the ‘My Companies’ button in the list. Through this page you can view all the company advertisements you have posted. You can add a new advertisement or edit existing advertisements using this page. First we can check the add function. In this form user can insert the relevant details and press the add button to submit. Then you can see the pop-up window of the successful message. Now you click that window to redirect to main page again. So now click the ‘edit’ button to navigate to the edit form. Further more, click the second icon in the bottom navigation bar. In here you can view all the company advertisements on this app. Users can filter advertisements according to the category in here. Let’s click the first advertisement. In this page you can view the descriptive information about the relevant company. That’s it for the company part.

How about your experience on this part?

Let’s move to the review section you can scroll down the window to view the reviews given by the users. In here you can click the ‘add feedback’ button to give a feedback to the relevant company. Users can fill the form and submit it. So now click the ‘My Reviews’ button in the list. Through this page users can view all the reviews they have made. Moreover, you can click the edit button to update existing reviews you have added. Then you can submit it. That’s it for the review part.

Can you give us some suggestion on this section?

Here you can see some pages of empty states.

Thank you \_\_\_\_\_\_\_\_. Do you have anything to be clarified?

Thank you very much for spending your valuable time with us.

User Testing Video 1

# <https://drive.google.com/file/d/1vNWsIL0ReyB58XltKHDtQL0QVGQgeuXg/view?usp=sharing>

User Testing Video 2

# <https://drive.google.com/drive/folders/1tEG3ln1raCmPr6wlCTL6vnHyh2zC_j2e?usp=sharing>

# Prototype (high-fidelity) v2.0

# Prototype v2.0 design link - <https://www.figma.com/file/St8R6AvE1XTK2VuA6PKKo0/LAK.LK?node-id=478%3A733>

# **1. Manage User Accounts - IT19184272 (R.H. Gunasekera)**

# Graphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, application Description automatically generated

# **2. Manage Advertisements - IT19115894 (Jayasekara J.T.N.N)**

**Graphical user interface, website

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, application

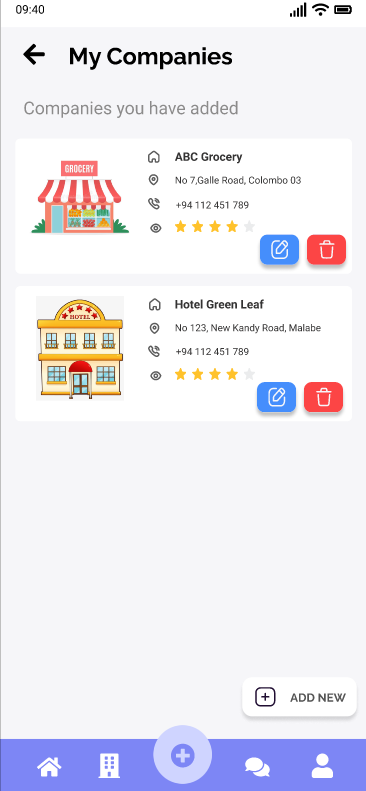
Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

# **3. Manage Company Advertisements - IT19046594 (Sachintha Nipun M.M)**

# **Graphical user interface, application Description automatically generatedGraphical user interface, text, application Description automatically generatedGraphical user interface, application Description automatically generatedGraphical user interface, text, application, chat or text message Description automatically generated**

****Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generatedA picture containing text, screenshot, iPod

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# **4. Manage User Reviews - IT19177410(Madhura Mihiranga H.N)**

# **Graphical user interface, application Description automatically generatedGraphical user interface, text, application Description automatically generated**

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