**Draft and Confidential**

**Strategic Machines**

**Marketplace Work items**

**All pricing subject to change until the work item is jointly committed to by the developer and Strategic Machines, Inc. as reflected in a work order**

**Items marked in blue have been completed**

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| **Marketplace Repo** | **Short description** | **Item price** | **Assigned** |
| Content whitepapers | Content needed on topics such as   * Marketplace philosophy and objective * Serverless apps * Strategic machines and the messaging revolution * Outcomes model * Agent and skill design * Web services and repacking and repurposing your web content * Ai, gi or ii * Cbm * Your content – your conversations * The power of membership communities * Video content on key philosophies | PDH | pat |
| Instruction for developers | * Videos * Coaching philosophy of sm and junior developers * Learning react * Learning messaging and data world * Gaining references * Getting help * certification test |  |  |
| Strategic Machines boarding and certification test for developers joining the marketplace | Create a test repo and a mock application that would be used by a junior developer to demonstrate minimal competence to succeed as well as an understanding of the sm protocols for conducing and completing work   * Partner guidelines * Terms and conditions (signature needed) * xMachina repo including test apps for react microservices etc * posted workitem with the set of requirements * Each folder will have the scaffolding already built in that a developer should expect to find when starting work on the work item * Travis ci? And npm ci? * Test data on the cloud? * Potential bonus when successfully completed * Invitation only process | PDH + 720 | Juan  pat |
| Agent interactions | An ability to select an agent from the web site gallery and begin a discussion – this process integrates through the webmachine server to the messaging platform | 480 | Evgheni |
| Agent 0rder and configuration Form – | A page for a customer to ‘order’ or configure that agent they want deploy – effectively a req sheet but needs to tie to available skills in the market – or custom skills that need to be created (driving more demand for developers) – layout the design and integrate available skills or specify new skills -- this would generate work items for the developer market | ? |  |
| Member registration | The ‘member registration’ page – a page for someone signing up for an org as a member – 2 factor authentication with cell phone – use the org unique identifier as the start point in the process (also see static web splash page below) | 120 |  |
| Partner registration | The developer registration page, 2fa, including email, ssn, github, etc – including tracking agreements signed etc before they can start work -- this registration status is used by the ‘sign up’ agent to validate a developer before they can sign up for and select a workitem | 120 |  |
| Partner leaderboard | Used by admin – payments and digital reps of partners – ties to the philosophy of coaching and help – code reviews etc – should be arrayed like agent gallery -- various filters | 480 |  |
| Admin panel and screens | The administrator of the platform needs access to config.js database – and probably needs access to a customers database if given password and userid to inspect the condition of their data | 120 |  |
| legal documentation | Acceptable use, IP, customer contracts, beta program agreements, etc |  | Justin Agans  Spengler & Agans |
| Agent Configuration Validation Page | A back office configuration form and process – for setting up an org with new agent. This provides some level of validation before tests are conducted to verify that the agent works as expected   * Agent name and skills (skills being validated real time against the serverless platform) * Validation against a classifier? * Skill execution sequence (governed by the state machine process) * Maintained in the orgs database | tbd |  |
| Classifier Configuration page | A back office configuration form for creating the scripts which trigger intents (agents). This csv file will feed watson | 480 |  |
| Code refactoring | Update webmachine platform for multitenant operation, working with colleagues for a uniform design. Ensure that platform registration process is refactored, tested and documented for handling multiple clients on the platform managing their profiles, and that members joining their networks will be correctly processed (member registration process to be built) . Update platform registration to plug in and leverage auth0 for access | 1200 | Daniel |
| Code Refactoring | Update webmachine platform for multitenant operation working with colleagues for a uniform design. Ensure prior apps are refactored, tested and documented for handling multitenancy (where needed). Update apps to plug in and leverage auth0 for access. | 1200 | Juan |
| Home page code refactoring | Next set of revisions on home page and autho – following webanalytics project as a model. | 480 | Justin |
| Milestone payment | Bonus for successful launch to the cloud of a multitenant, secure webmachine platform | 500 each | Juan  Daniel  Justin |
| Config page | Reactjs page with CRUD for client specific configurations | 120 |  |
| Developer platform for microservices | A tool so that developers can test microservices quickly and with confidence | Pat | Pat |
| Developer Platform Test with apex.sh and aws | The scope of this work is to build a test microservice using the micromachine developer workbench, test it and then deploy it to aws using apex. | 480 | Alex |
| Home page refactoring, slack integration and webchat integration | Scope includes next round of homepage updates for improved styling and look, creation of a new page for a user to join the SM slack account, and refactoring needed to integrate the web chat widget with the messaging platform | 500 | Justin |
| Slack bot | The scope of this work is the creation of a slack bot for the “Turing Machine’. Integrates with backend service | 240 | Tresean |
| July Team Meeting attendance | 2 day team meeting to review progress, discuss roadmaps and identify next set of milestones | 500 for 2 day participation  200 for 1 day participation | Every team member in attendance for both days |

**Analytic Work items**

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| **Marketplace Repo** | **Short description** | **Item price** | **assigned** |
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| Chaoticdash | * Need general redesign |  |  |
| Neo4j | * Demo app on what can be learned |  |  |

**Platform Specific Agents, Skills and Integrations**

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| **Marketplace Repo** | **Short description** | **Item price** | **assigned** |
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| Various fixes | * Expiration of discussions * Error architecture refactoring * State machine and agent refactoring * Need the process for system vs http skill – handle the ‘plug in’ type of services used by an agent (recording, filtering, posting to blockchain, metering, spam filters etc) |  |  |
| Chron jobs | * Platform configs are unique and valid * Machines have skills that tie to skill catalogue * All mongo references are valid |  |  |
| Platform health | agent |  |  |
| Platform alerts | agent |  |  |
| Dev signup for workitem and inquiries | agent |  |  |
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**Skill Work items**

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| **Marketplace Repo** | **Short description** | **Item price** | **assigned** |
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| Analytic agent |  |  |  |
| Turing agent |  |  |  |
| Registration for work items |  |  |  |
| Celebration agent | Reacts to pull reacts on github |  |  |
| other | Various microservices – driven by market demand etc |  |  |
| Idea agent | Take contributions of new ideas for platform development |  |  |
| microapps | Various microapps and microflows |  |  |